

5-1960

# Water Levels in Observation Wells in Nebraska, 1959

C. F. Keech

*United States Geological Survey*

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# Water Levels in Observation Wells in Nebraska

1959

C. F. KEECH  
Geological Survey  
United States Department of Interior

NEBRASKA WATER SURVEY PAPER  
NUMBER 6

Prepared Cooperatively by the United States  
Geological Survey and the Conservation and  
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# WATER LEVELS IN OBSERVATION WELLS IN NEBRASKA IN 1959

By C. F. Keech

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## INTRODUCTION

A ground-water reservoir consists of saturated rock materials sufficiently permeable that water can move through them by gravity and can be withdrawn from them by wells. Water enters ground-water reservoirs by downward percolation from the land surface and moves laterally within the reservoir toward the areas of discharge.

The amount of water stored in ground-water reservoirs differs from time to time owing to ever-changing conditions of recharge and discharge. The fluctuations of the water levels in wells register the changes in the amount of water stored. By periodically checking the stage of the water levels in wells it is possible to evaluate the current status of the ground-water supplies, and by plotting the changes in water-level fluctuations against time it is possible to show trends in ground-water levels and to discern the outlook for future water supplies.

Where little or no ground water is being pumped, the position of water levels in observation wells is governed by the natural replenishment to and discharge from the ground-water reservoir; where ground water is being heavily pumped, water levels will adjust to reflect the effect of the pumping. Records of water-level fluctuations in wells are of most value in a program of ground-water appraisal if the measurements have been made over a period of several years. Although new wells are continually added to the program, measurements of water levels have been made in most observation wells in Nebraska for more than 10 years, and some measurements were begun in 1934.



It is fortunate that these long records have been kept because by comparing recent measurements with the past it is now possible to make reliable predictions as to probable future water levels.

Water-level measurements are given in this report in feet below the land-surface datum at the well site. Land-surface datum is a precise datum plane that is approximately at land surface at each well. Water levels that are above land-surface datum are preceded by a plus (+) sign, whereas those below land-surface datum have no sign but are understood to be minus (-). The words "land-surface datum" are abbreviated "lsd" in tables of this report.

The altitude above mean sea level (msl) of the land-surface datum at many of the well sites is included in the tables of this report.

Lower case letters that appear in the table of water-level measurements indicate the following: b, well pumped recently; c, nearby well being pumped; d, nearby well pumped recently; f, dry; g, measured by outside agency; h, tape measurement; and j, measurement taken from recording-gage record.

Twenty-five observation wells in Nebraska are equipped with recording gages. Each recording gage produces a continuous graph of water-level fluctuations in the well; however, only one measurement taken from the graph for each month is given in this report. Each measurement is the lowest stage for the day.

#### SCOPE OF WATER-LEVEL PROGRAM

Ground-water investigations in Nebraska are under the general direction of P. E. LaMoreaux, Chief of the Ground Water Branch of the U. S. Geological Survey, and E. C. Reed, State Geologist and Director of the Conservation and Survey Division of the University of Nebraska.

The observation-well program in Nebraska, which was begun in 1934 in cooperation with the Conservation and Survey Division of the University of Nebraska, was continued in 1959. Since 1945, water levels in many wells have been observed periodically as part of the Missouri River basin development program of the United States Department of the Interior. Many of the measurements in this report have been collected as part of that program.

Water-level measurements that have been made but are not listed in this report are kept in open file pending publication in other reports. The records of some observation wells that were included in last year's water-level report have been omitted from this report because the fluctuation of water levels in the wells represent local conditions and are not representative of regional water-table fluctuations. The locations of the 762 observation wells for which measurements are included in this report are shown in figure 1, sections 1A to 12.

Most of the measurements in observation wells were made by J. W. Nelson and R. B. Rakow of the Geological Survey. F. A. Adams, also of the Geological Survey, compiled and typed the data in the report.

The following organizations cooperated informally in the water-level measurement program: Midstate Reclamation District; U. S. Bureau of Reclamation; U. S. Fish and Wildlife Service; and State Department of the Water Resources.

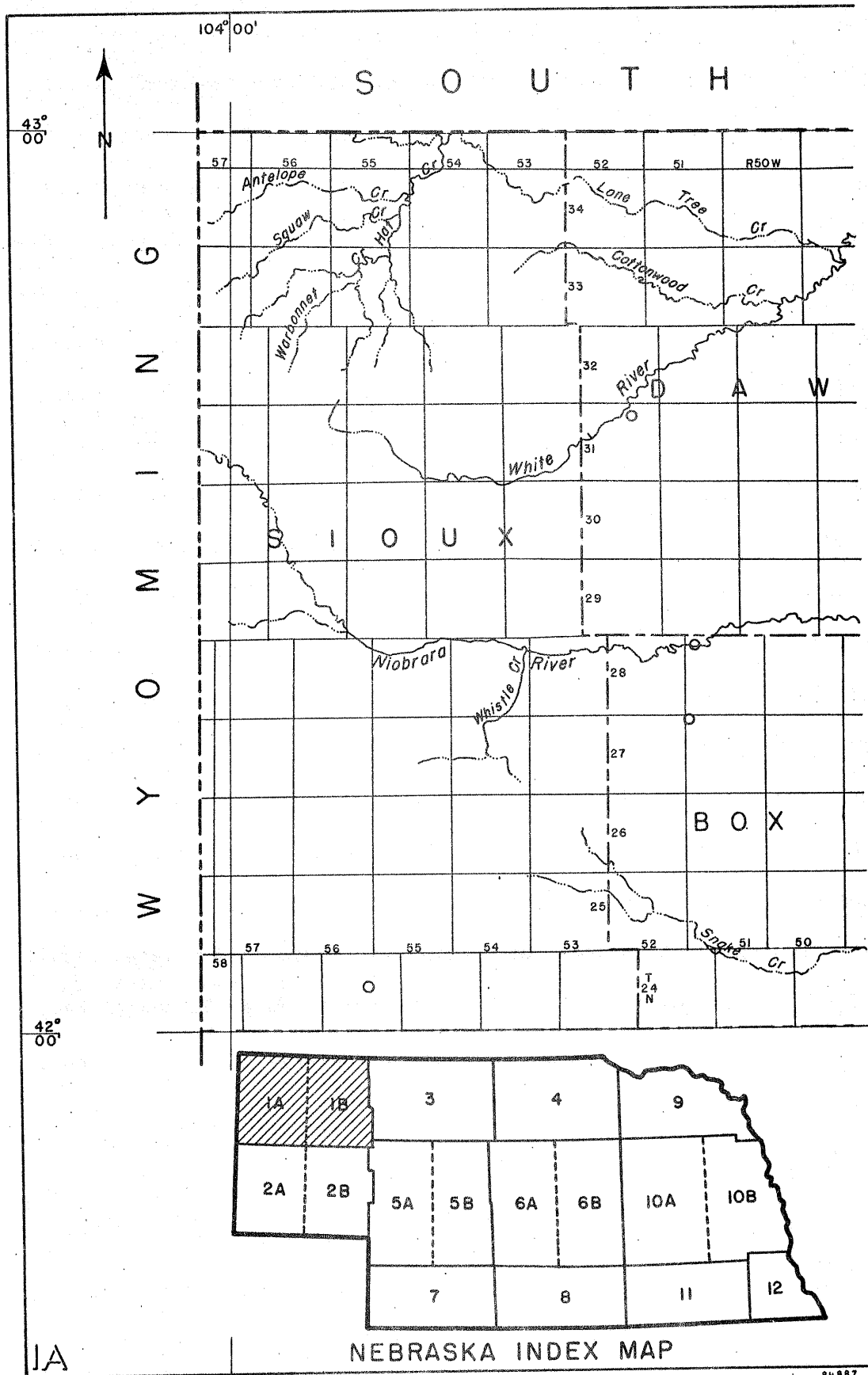


Figure 1, Section 1A.--Map of Nebraska showing location of observation wells, 1959.

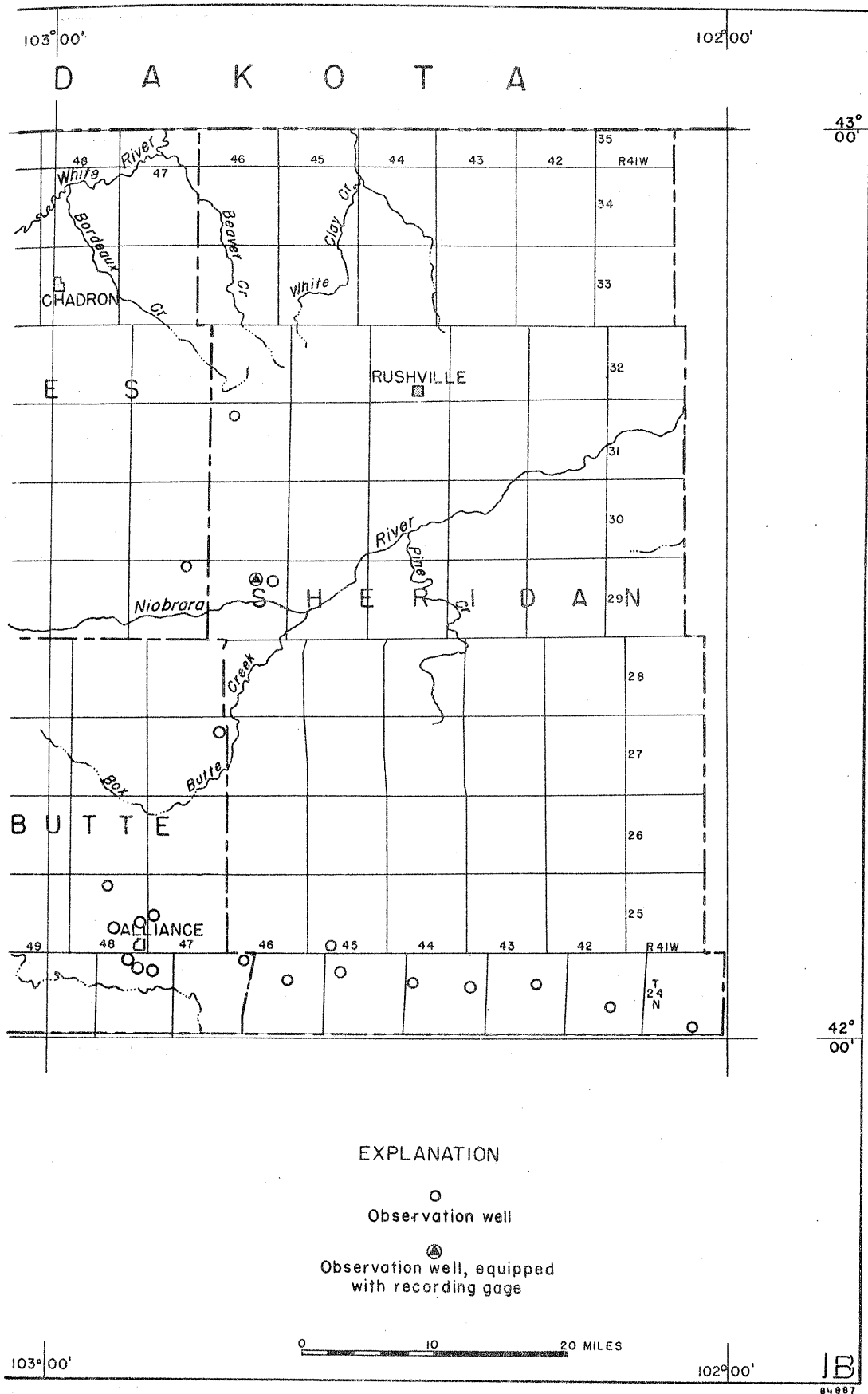


Figure 1, Section 1B.--Map of Nebraska showing location of observation wells, 1959.

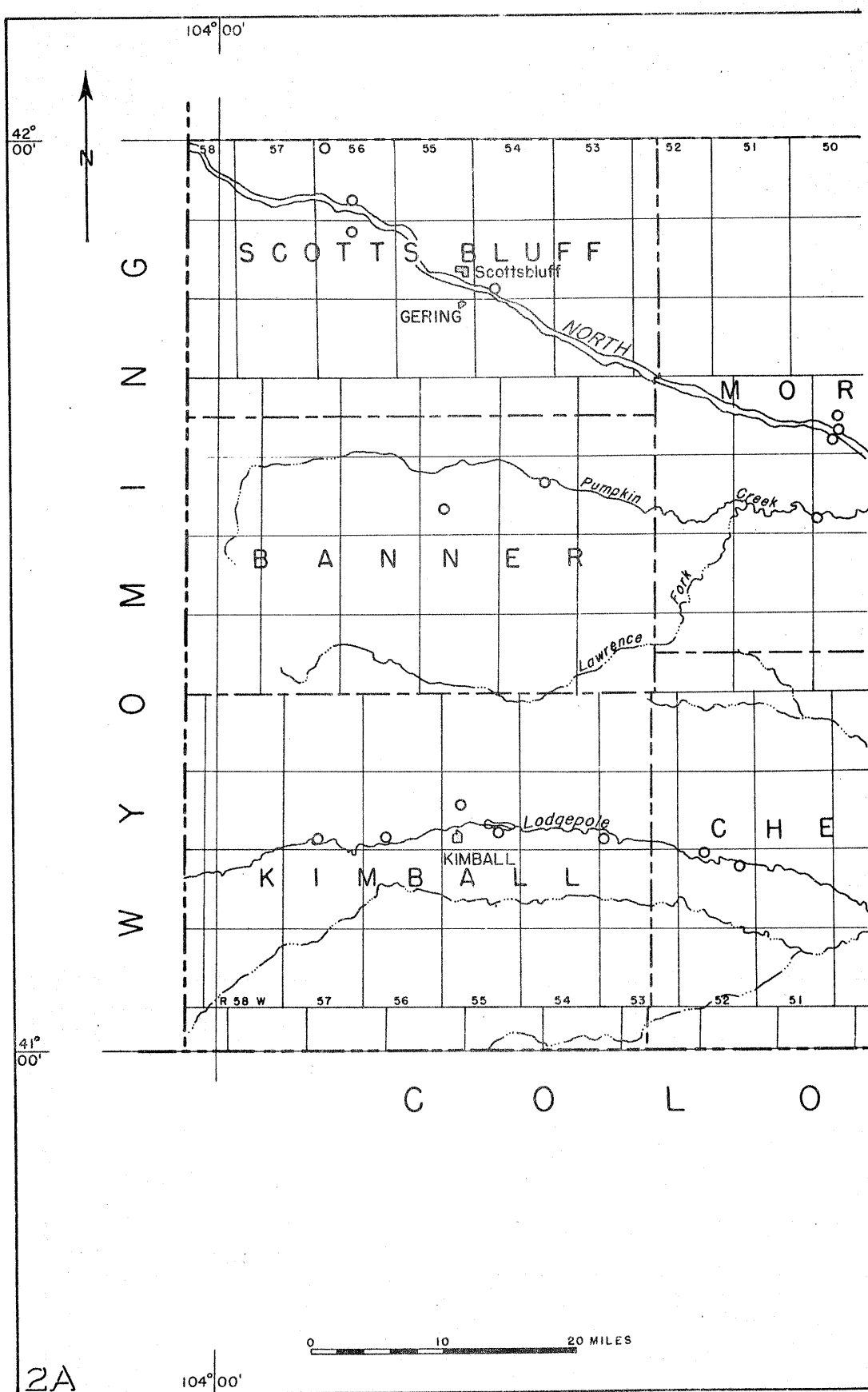


Figure 1, Section 2A. --Map of Nebraska showing location of observation wells, 1959.



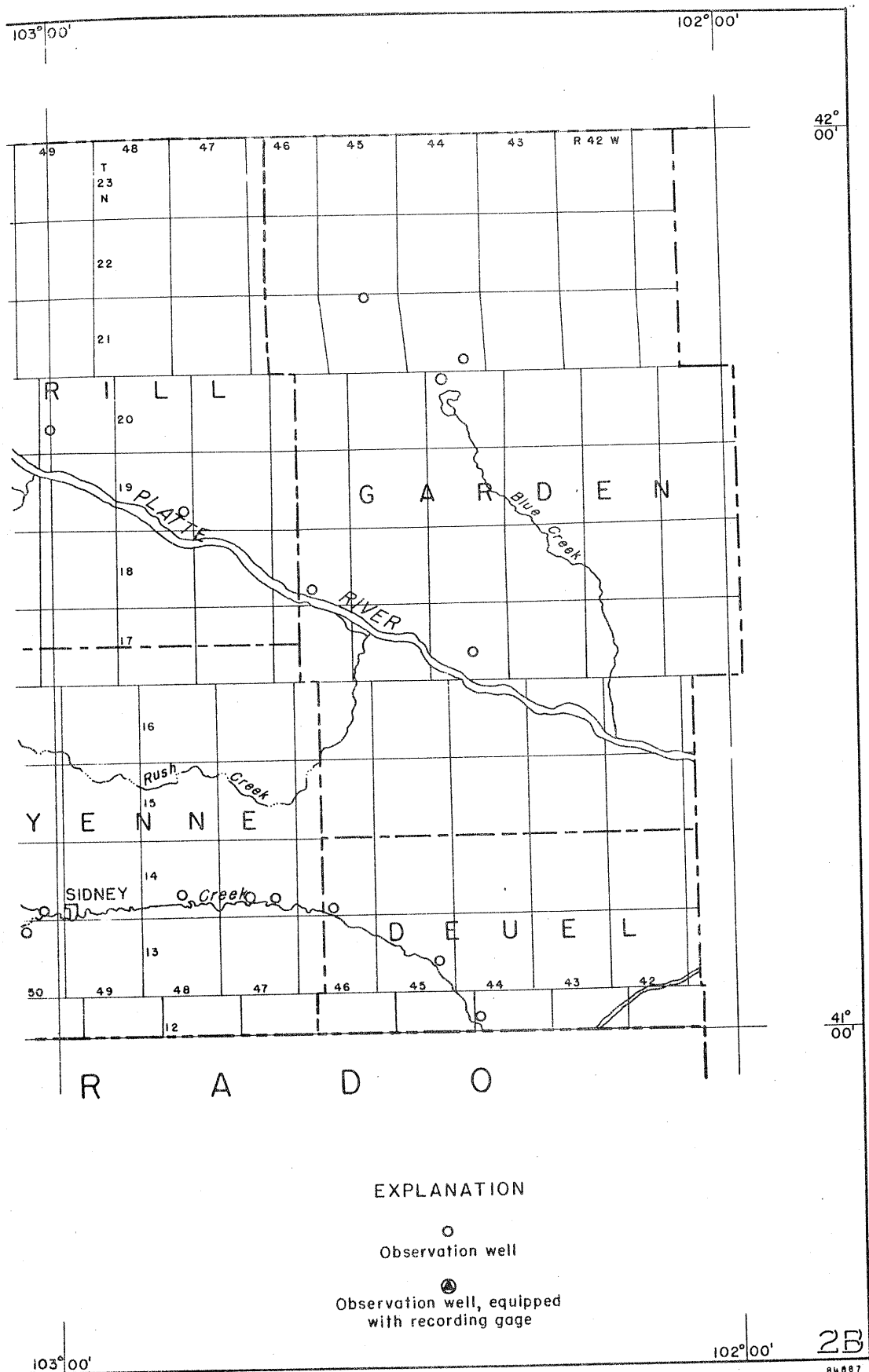


Figure 1, Section 2B.--Map of Nebraska showing location of observation wells, 1959.

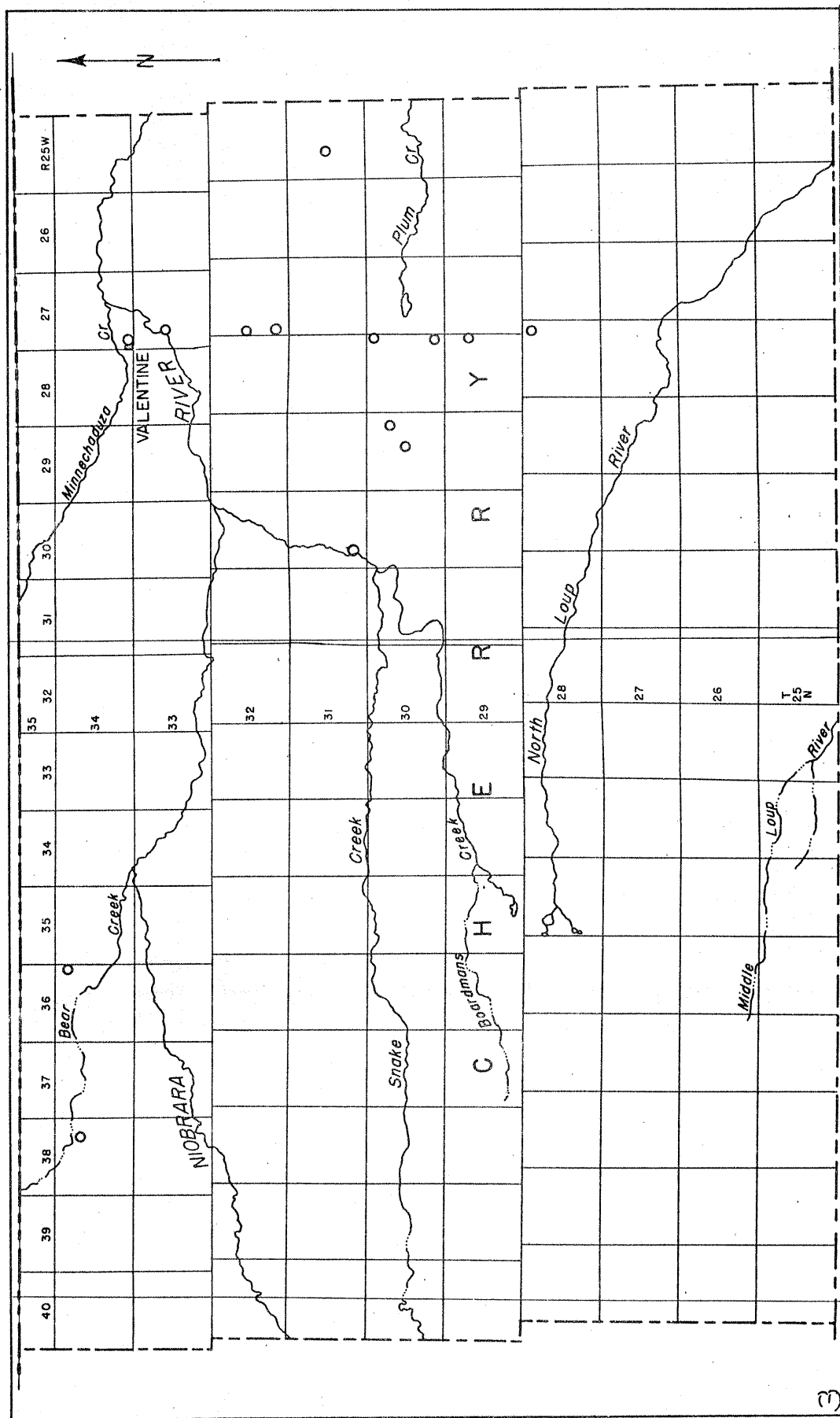


Figure 1, Section 3.--Map of Nebraska showing location of observation wells, 1959.

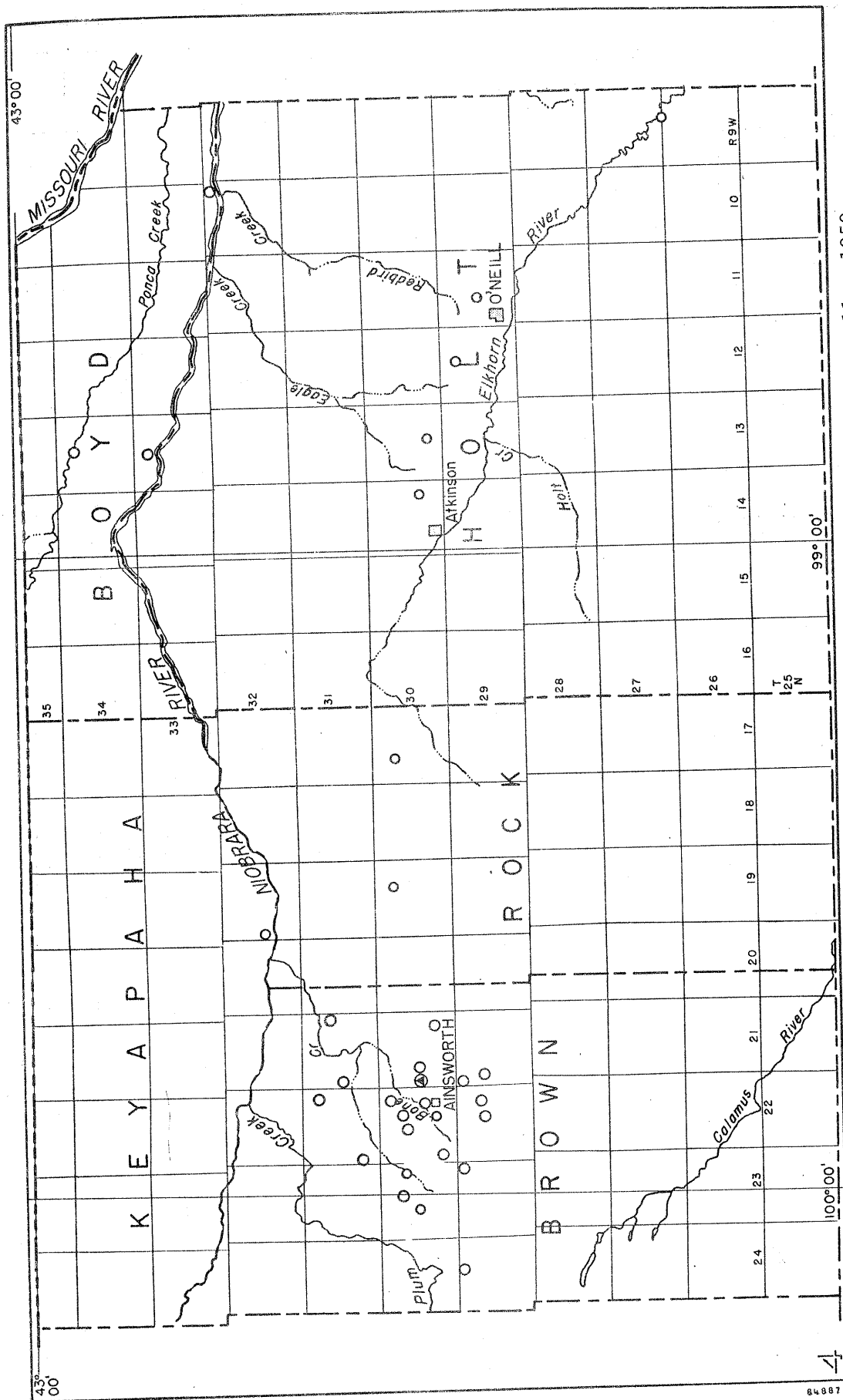


Figure 1, Section 4. --Map of Nebraska showing location of observation wells, 1959.

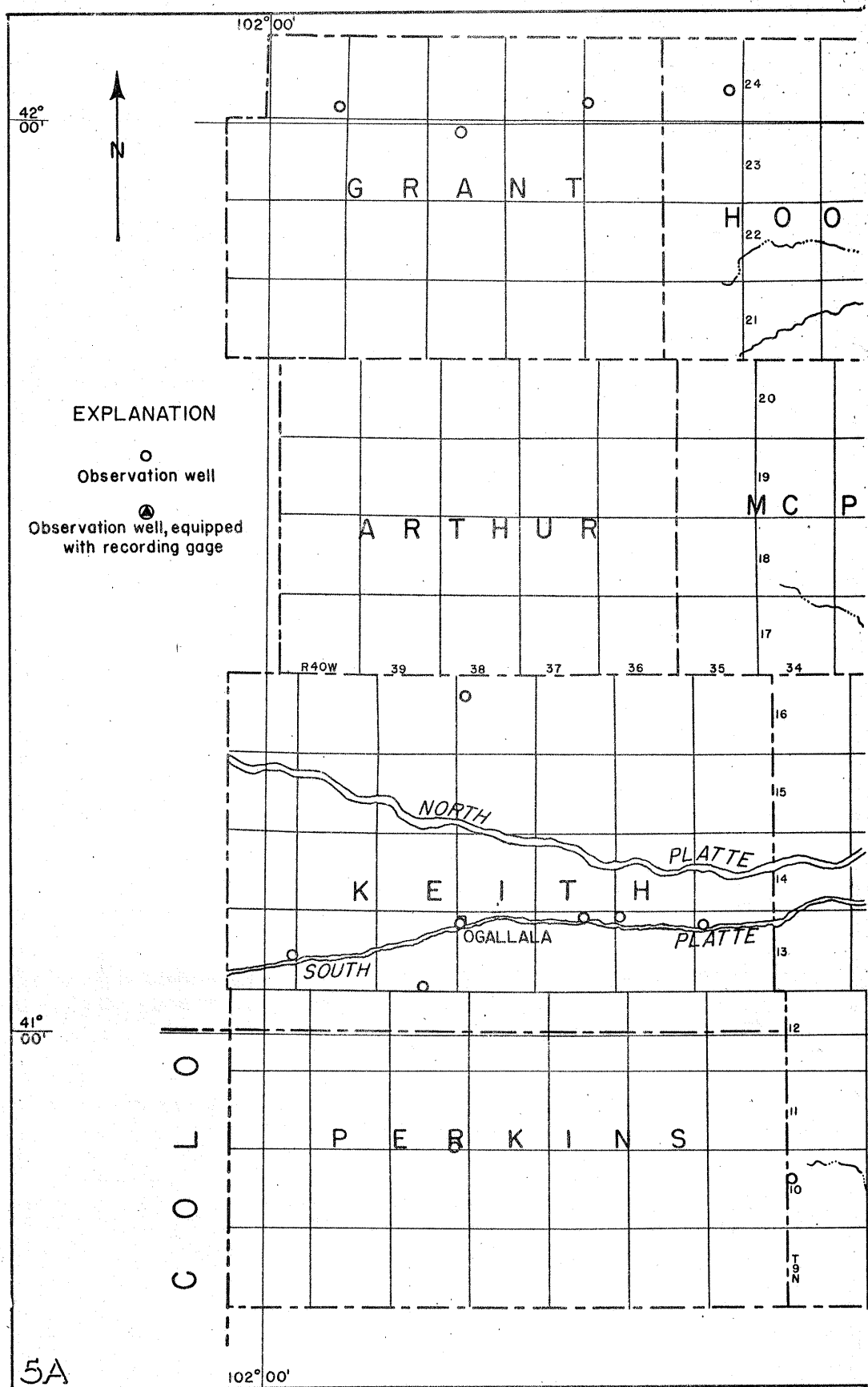


Figure 1, Section 5A.--Map of Nebraska showing location of observation wells, 1959.

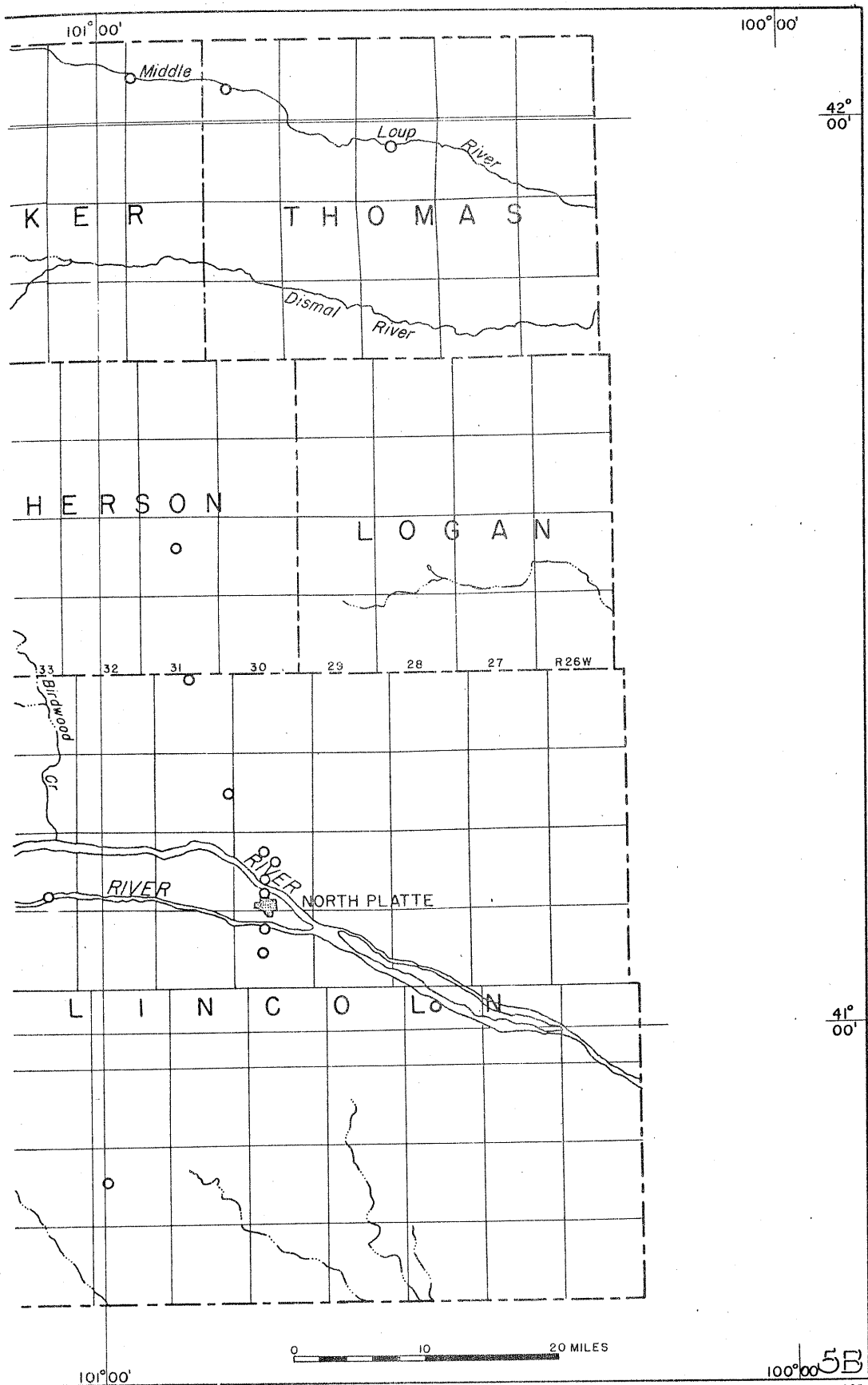


Figure 1, Section 5B. --Map of Nebraska showing location of observation wells, 1959.



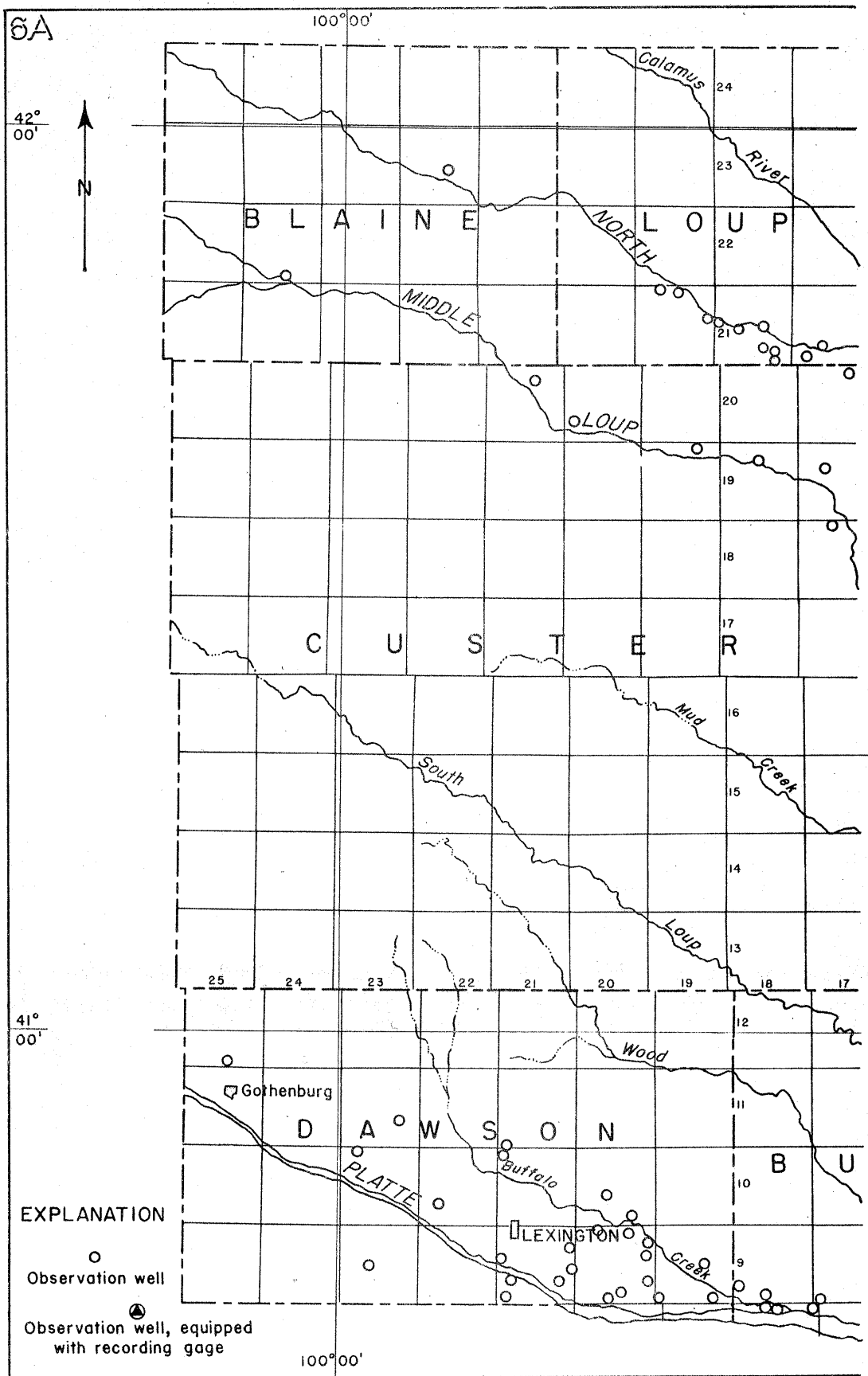


Figure 1, Section 6A.--Map of Nebraska showing location of observation wells, 1959.

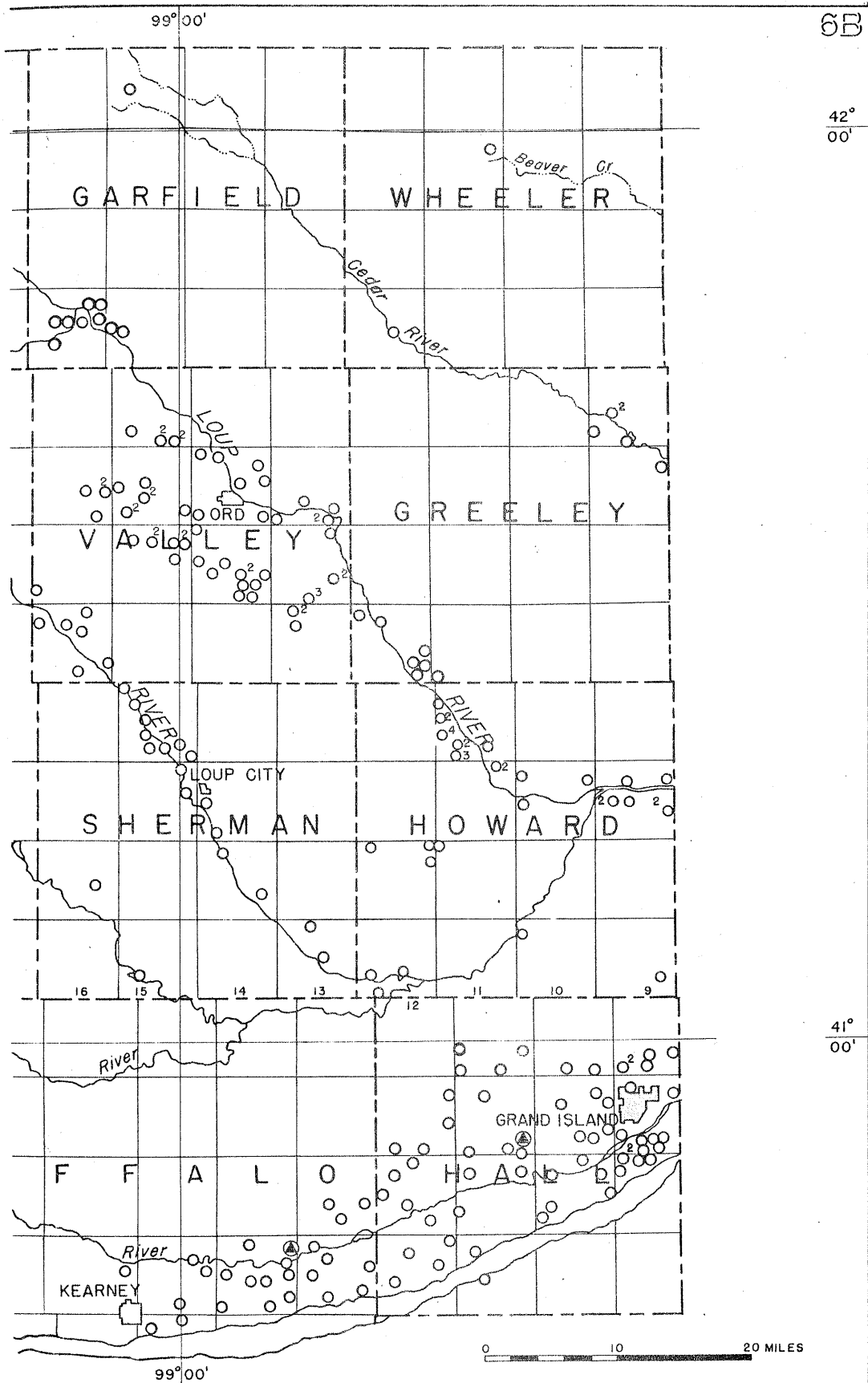


Figure 1, Section 6B. ---Map of Nebraska showing location of observation wells, 1959.

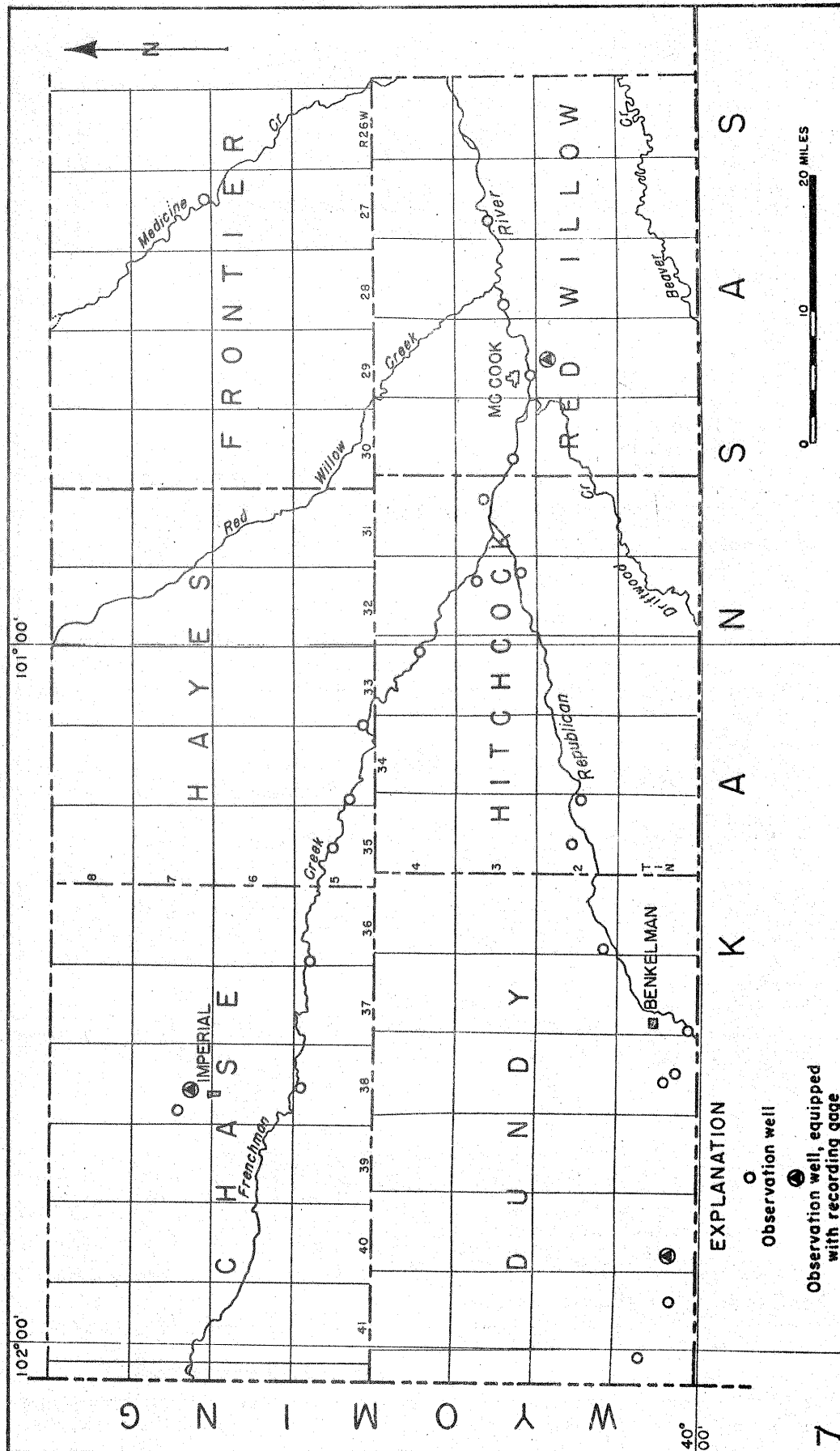


Figure 1, Section 7.--Map of Nebraska showing location of observation wells, 1959.

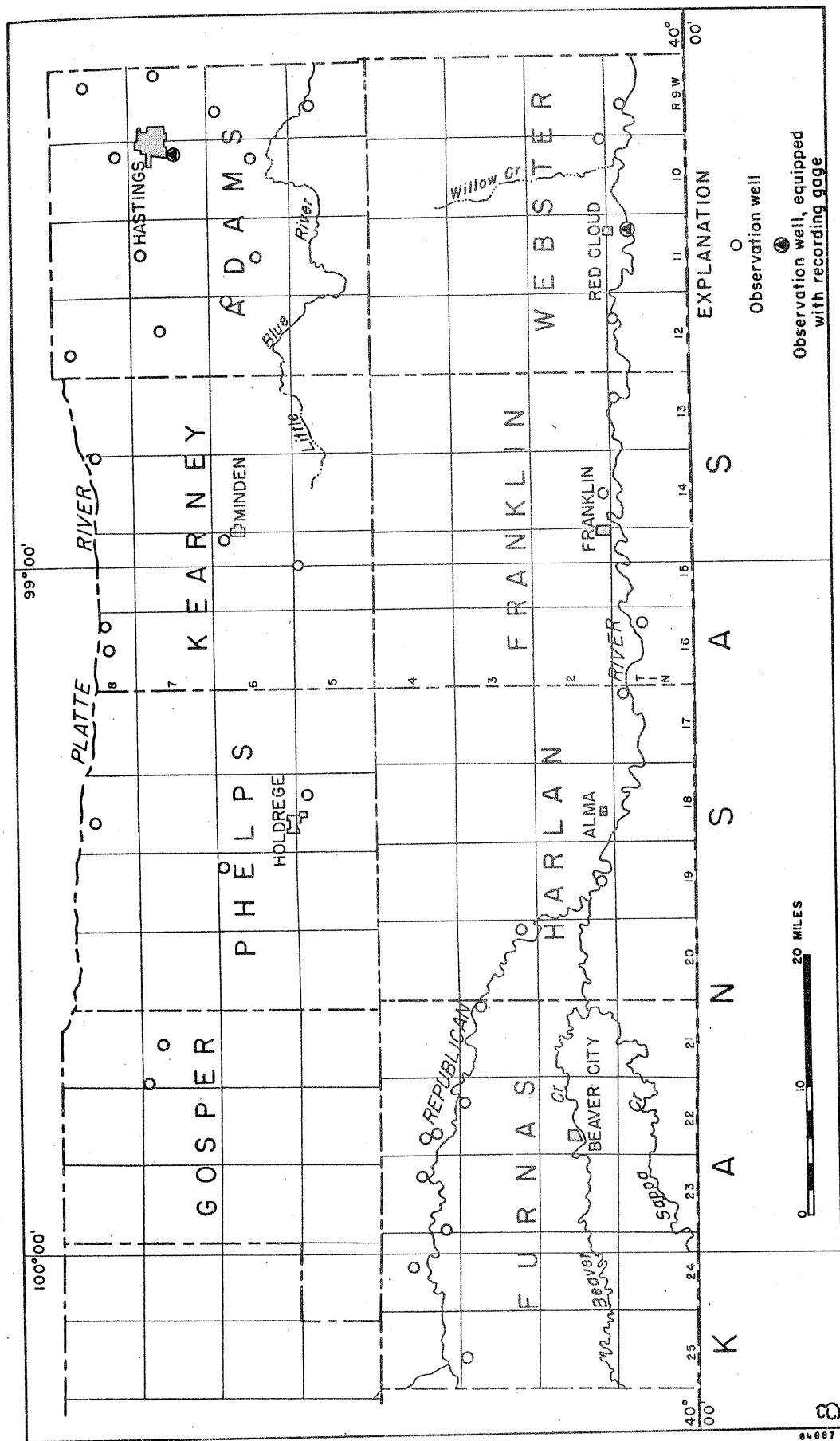


Figure 1, Section 8.--Map of Nebraska showing location of observation wells, 1959.

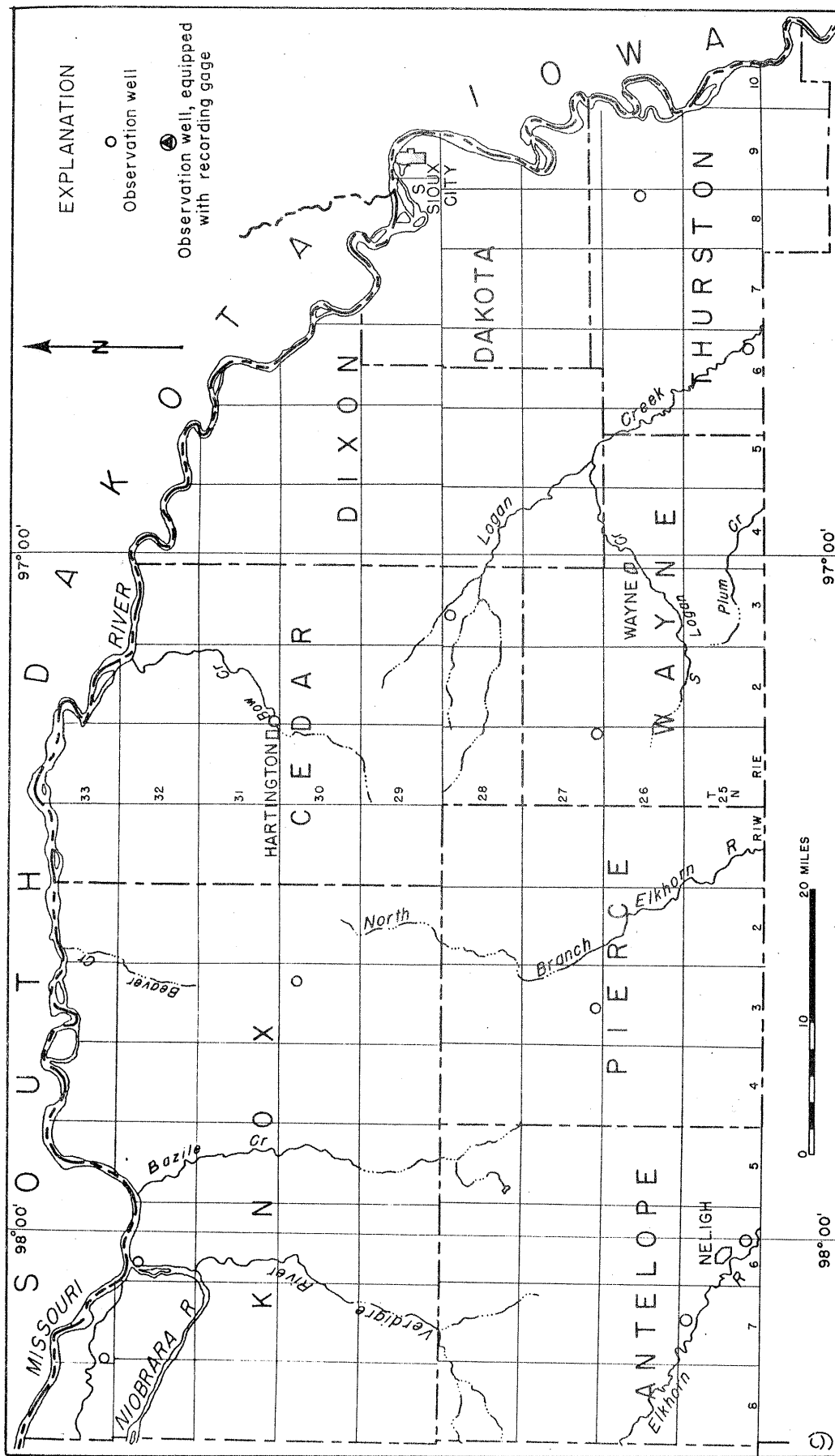


Figure 1, Section 9.--Map of Nebraska showing location of observation wells, 1959.



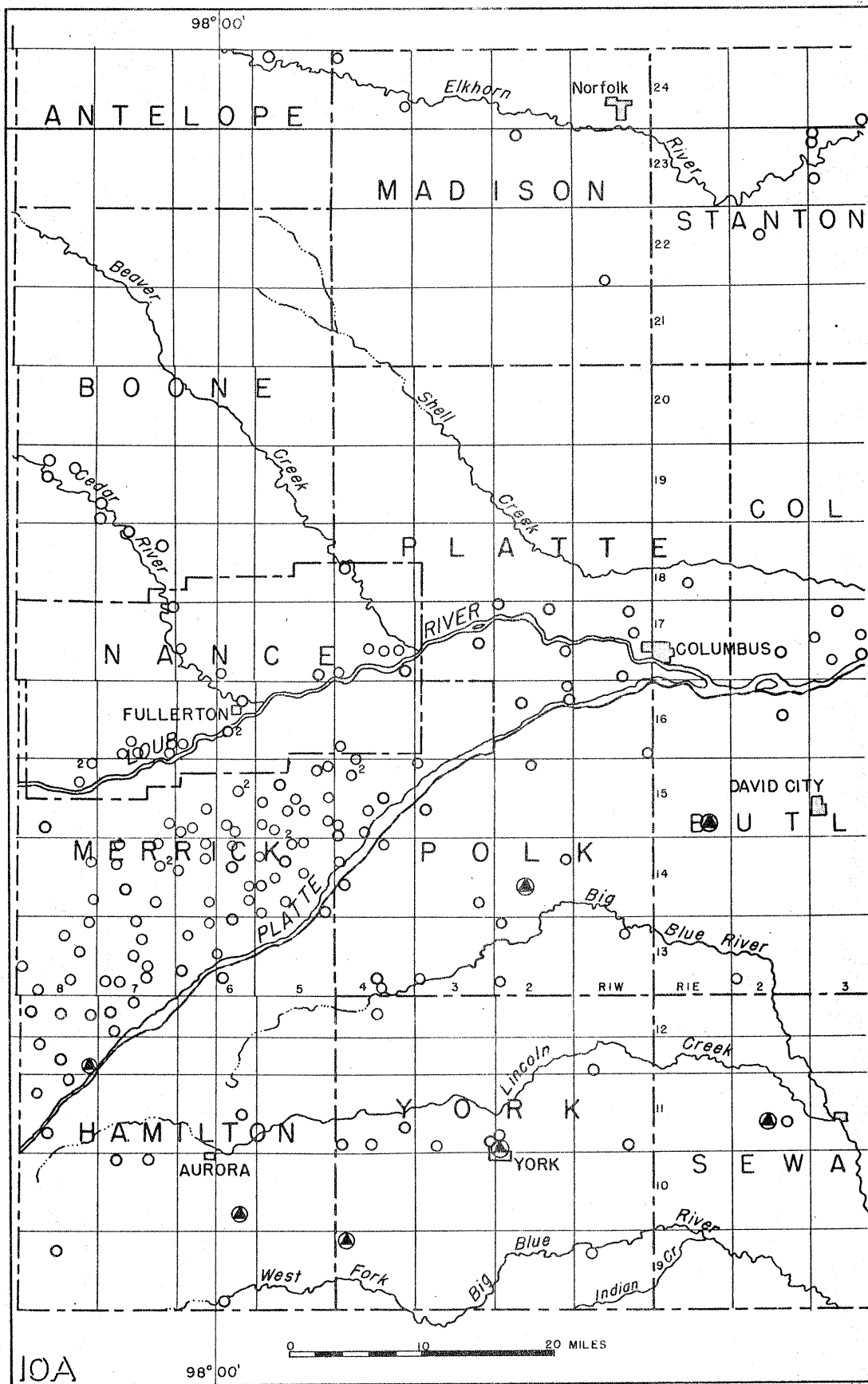


Figure 1, Section 10A.--Map of Nebraska showing location of observation wells, 1959.

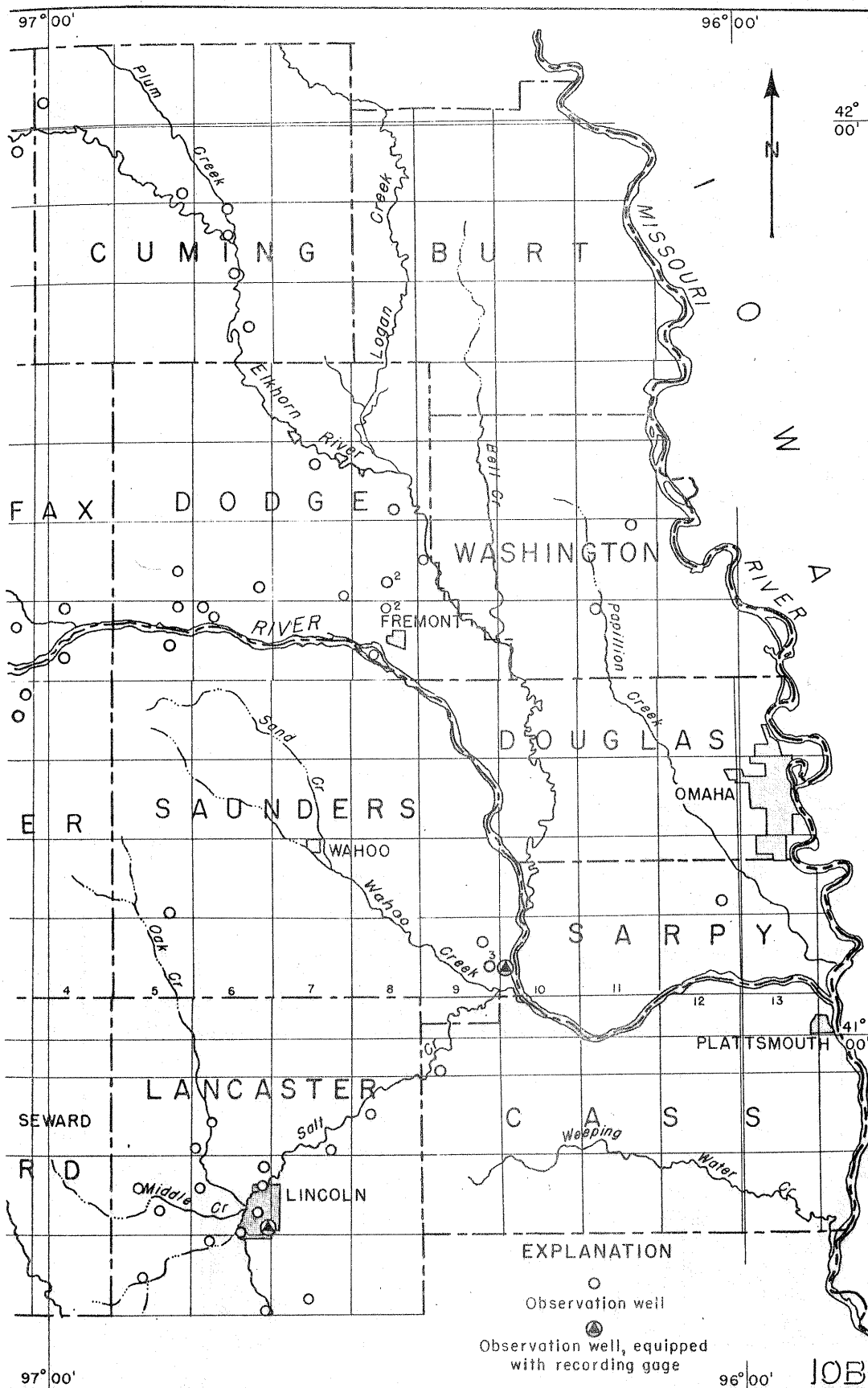


Figure 1, Section 10B.--Map of Nebraska showing location of observation wells, 1959.

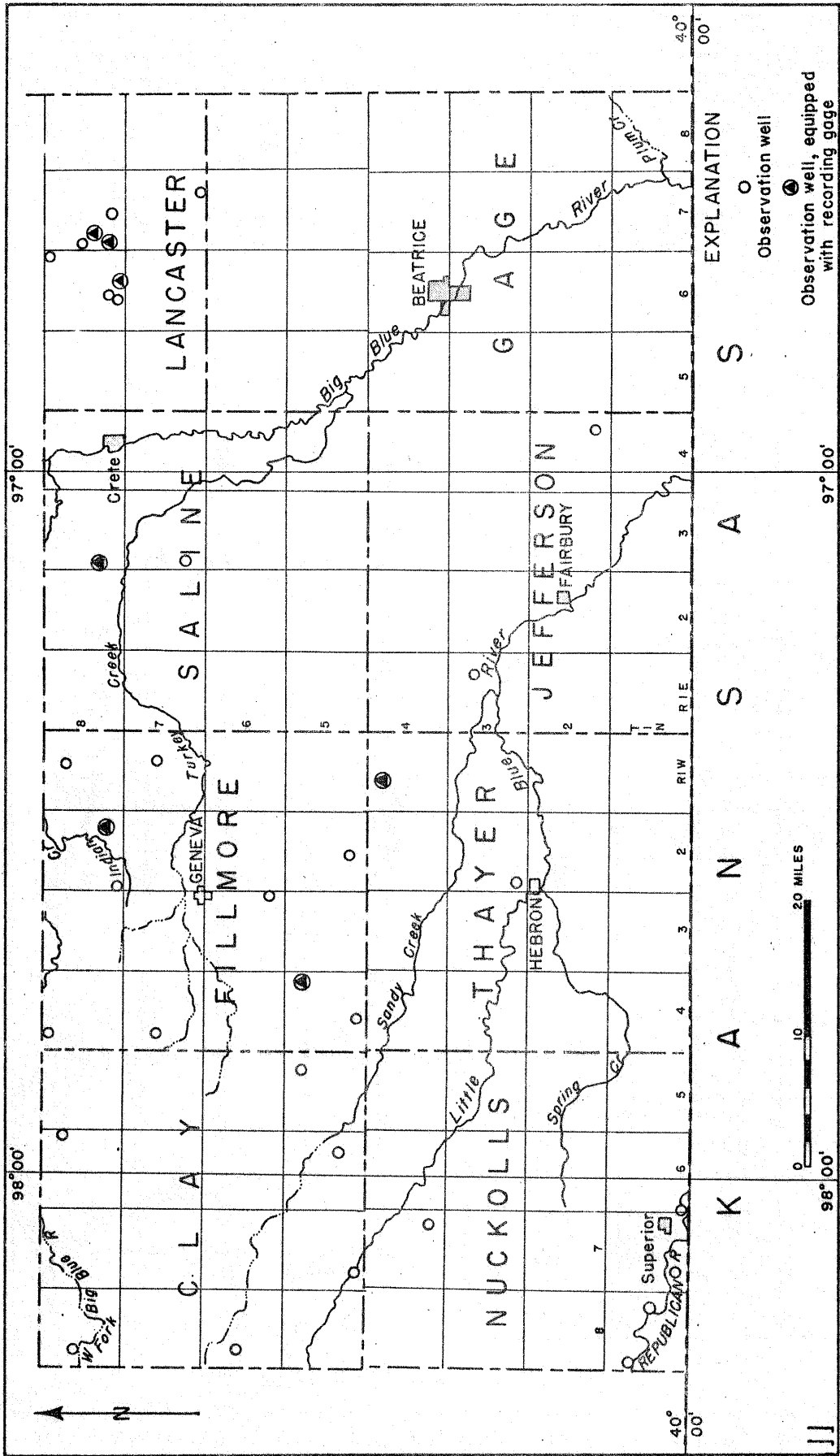


Figure 1, Section 11.--Map of Nebraska showing location of observation wells, 1959.

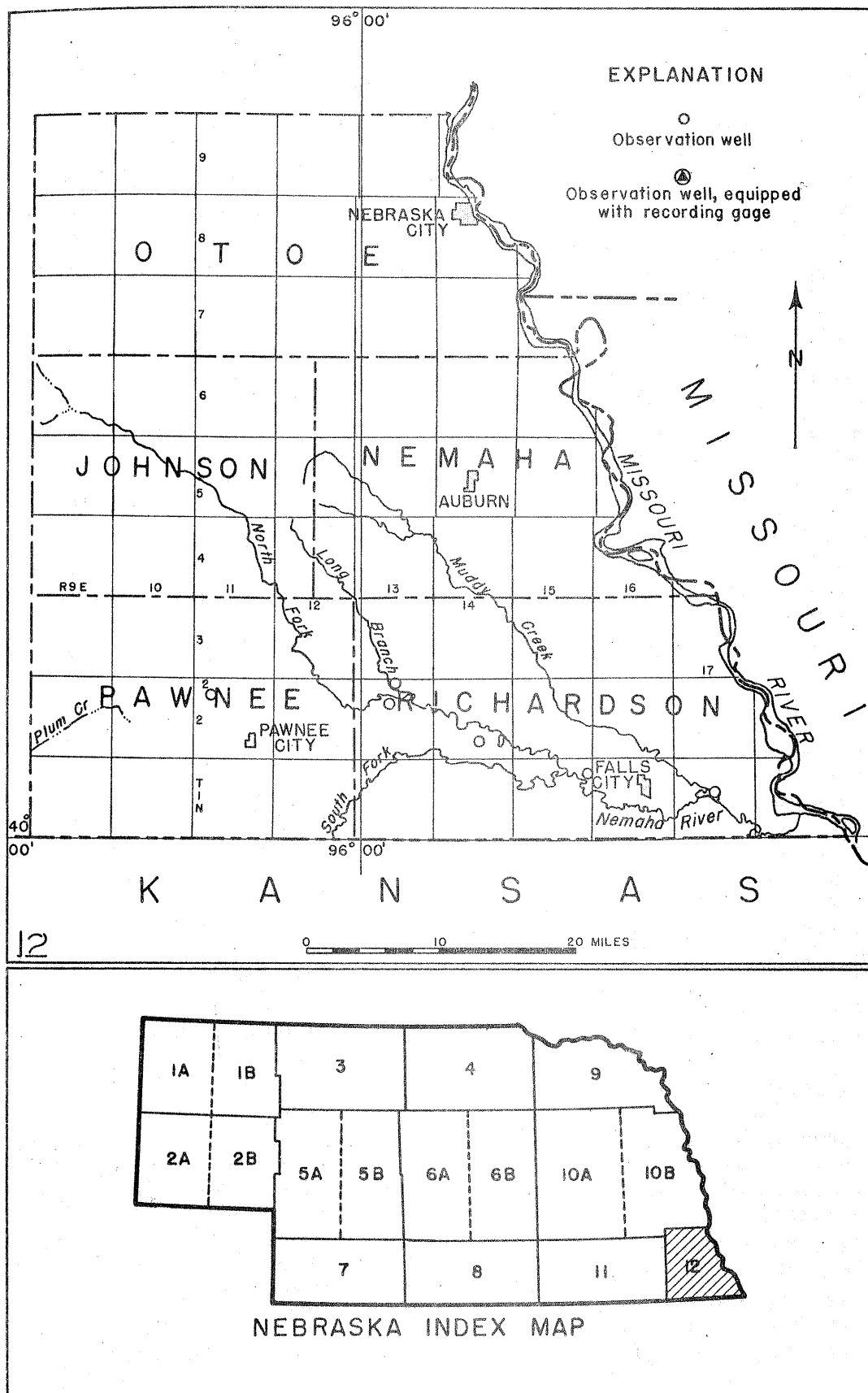


Figure 1, Section 12.--Map of Nebraska showing location of observation wells, 1959.

The following table lists the number of observation wells by counties and the pages on which the records appear in this report:

| <u>County</u>  | <u>Number<br/>of wells</u> | <u>Page</u> | <u>County</u>  | <u>Number<br/>of wells</u> | <u>Page</u> |
|----------------|----------------------------|-------------|----------------|----------------------------|-------------|
| Adams.....     | 12                         | 36          | Kearney.....   | 5                          | 84          |
| Antelope.....  | 3                          | 37          | Keith.....     | 7                          | 84          |
| Banner.....    | 2                          | 38          | Keya Paha..... | 1                          | 85          |
| Blaine.....    | 2                          | 38          | Kimball.....   | 5                          | 86          |
| Boone.....     | 7                          | 38          | Knox.....      | 3                          | 86          |
| Box Butte..... | 11                         | 39          | Lancaster..... | 25                         | 87          |
| Boyd.....      | 3                          | 40          | Lincoln.....   | 12                         | 90          |
| Brown.....     | 22                         | 41          | Loup.....      | 11                         | 91          |
| Buffalo.....   | 31                         | 43          | Madison.....   | 4                          | 92          |
| Butler.....    | 6                          | 47          | McPherson..... | 1                          | 93          |
| Cass.....      | 1                          | 48          | Merrick.....   | 87                         | 93          |
| Cedar.....     | 2                          | 48          | Morrill.....   | 6                          | 103         |
| Chase.....     | 4                          | 48          | Nance.....     | 23                         | 104         |
| Cherry.....    | 14                         | 49          | Nuckolls.....  | 5                          | 106         |
| Cheyenne.....  | 7                          | 51          | Pawnee.....    | 2                          | 107         |
| Clay.....      | 6                          | 52          | Perkins.....   | 1                          | 108         |
| Colfax.....    | 8                          | 53          | Phelps.....    | 3                          | 108         |
| Cuming.....    | 6                          | 53          | Pierce.....    | 1                          | 108         |
| Custer.....    | 7                          | 54          | Platte.....    | 11                         | 108         |
| Dawes.....     | 2                          | 55          | Polk.....      | 14                         | 110         |
| Dawson.....    | 25                         | 56          | Redwillow..... | 5                          | 111         |
| Deuel.....     | 3                          | 58          | Richardson.... | 5                          | 112         |
| Dodge.....     | 14                         | 59          | Rock.....      | 2                          | 113         |
| Dundy.....     | 7                          | 60          | Saline.....    | 2                          | 113         |
| Fillmore.....  | 10                         | 61          | Sarpy.....     | 1                          | 113         |
| Franklin.....  | 3                          | 63          | Saunders.....  | 7                          | 114         |
| Frontier.....  | 1                          | 63          | Scotts Bluff.. | 4                          | 115         |
| Furnas.....    | 8                          | 64          | Seward.....    | 2                          | 115         |
| Garden.....    | 5                          | 65          | Sheridan.....  | 11                         | 115         |
| Garfield.....  | 10                         | 65          | Sherman.....   | 18                         | 117         |
| Gosper.....    | 2                          | 66          | Sioux.....     | 1                          | 119         |
| Grant.....     | 3                          | 67          | Stanton.....   | 6                          | 120         |
| Greeley.....   | 12                         | 67          | Thayer.....    | 2                          | 120         |
| Hall.....      | 59                         | 69          | Thomas.....    | 2                          | 121         |
| Hamilton.....  | 9                          | 75          | Thurston.....  | 2                          | 121         |
| Harlan.....    | 3                          | 76          | Valley.....    | 62                         | 121         |
| Hayes.....     | 3                          | 77          | Washington.... | 2                          | 129         |
| Hitchcock..... | 6                          | 77          | Wayne.....     | 1                          | 129         |
| Holt.....      | 5                          | 78          | Webster.....   | 4                          | 129         |
| Hooker.....    | 2                          | 79          | Wheeler.....   | 2                          | 130         |
| Howard.....    | 34                         | 80          | York.....      | 12                         | 130         |
| Jefferson..... | 2                          | 83          | TOTAL.....     | 762                        |             |



## WELL-NUMBERING SYSTEM

The wells are numbered according to their location within the land subdivisions of the Bureau of Land Management Survey of Nebraska. The numbers of wells east of the sixth principal meridian, which passes along the Thayer-Jefferson County line in a north-south direction, are preceded by the capital letter A; those west of the sixth principal meridian have no preceding letter. The first numeral indicates the township, the second the range, and the third the section. The lower-case letters that follow the section number indicate the position of the well within the section. The first letter indicates the quarter section and the second letter the quarter-quarter section. The letters a, b, c, and d are applied in a counterclockwise direction beginning with a in the northeast quadrant. A numeral following the lower-case letters is the serial number of the well within the quarter-quarter section indicated by the last letter; no number is shown unless more than one well is within the quarter-quarter section. The system used in numbering is illustrated in figure 2.

## PRECIPITATION

Figure 3 shows by means of graphs the cumulative average precipitation at all stations in each of the eight divisions of the state. The dotted graph shows the cumulative average precipitation for the year, and the solid line indicates the cumulative average monthly precipitation for the period of record. Comparison of the two curves shows how the precipitation during 1959 differs from the all-time average. The graphs indicate that during the year the western half of the state received almost normal amounts of precipitation whereas the eastern half received considerably greater than

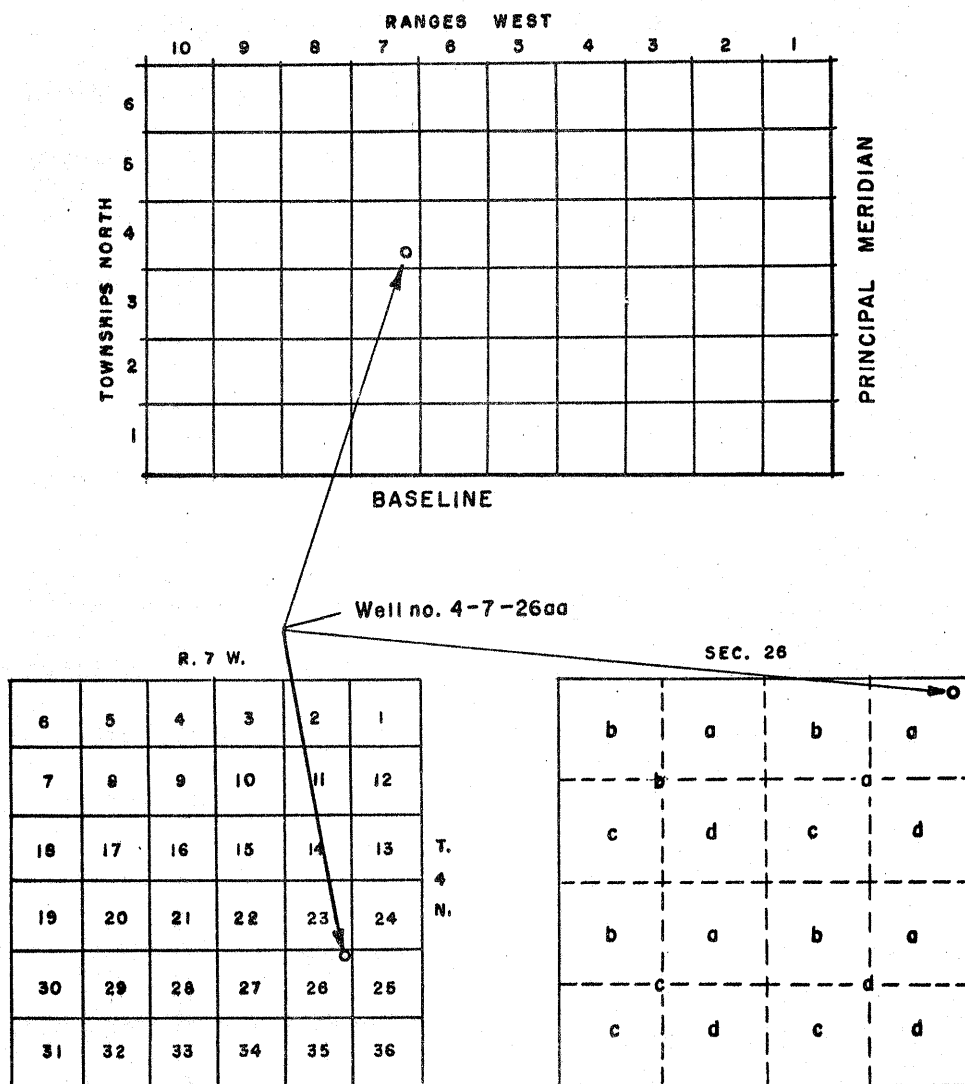


Figure 2.--Sketch showing well-numbering system.

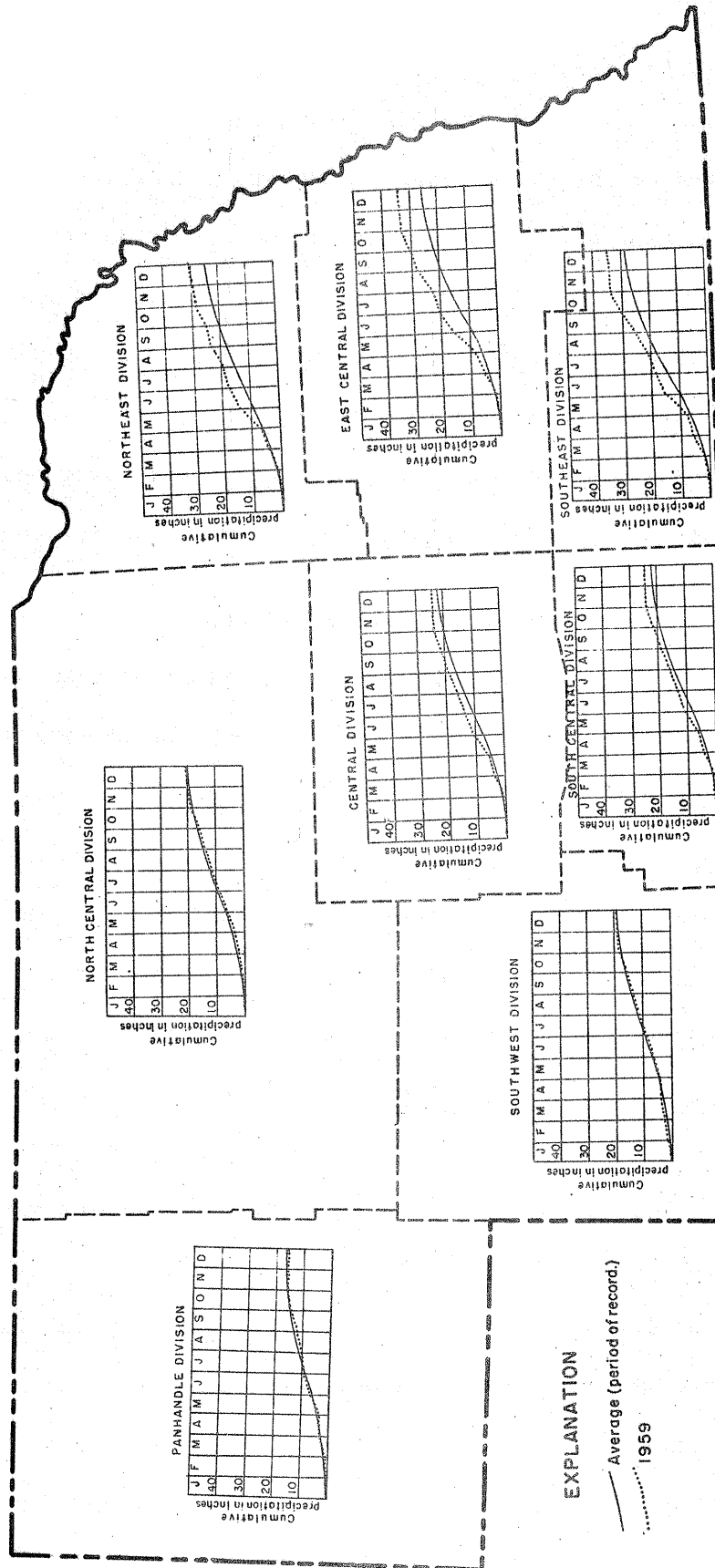


Figure 3 — Map of Nebraska showing cumulative average monthly precipitation and cumulative monthly precipitation for 1959 in eight divisions of the State.  
 (From records of the United States Weather Bureau)

normal amounts. May was considerably wetter than average in the eastern parts of the state. The U.S. Weather Bureau reports that many stations in the eastern third of the state received amounts of 2 to 3 times the long-term means. Generous amounts of precipitation were also received during August and October in parts of the state. Even though the year brought to most parts of the state greater than average precipitation, July, November, and December were considerably drier than the long-term mean. Precipitation was so light during November and December that ground-water reservoirs received essentially no natural recharge during the late fall and early winter.

#### WATER-LEVEL FLUCTUATIONS

Periodic measurement of the depth to water in wells provides information on the fluctuation of the water table. When the observations are continued through a long period of time they indicate the trend in the change of storage in the ground-water reservoir. At places where it is desirable to obtain a continuous record of the water-level fluctuations, observation wells may be equipped with recording gages. Recording gages automatically record on a chart all water-level changes; thus, the chart furnishes a continuous record of the magnitude and frequency of the fluctuations.

Some observation wells are in areas where there are no man-made developments to disturb the ground-water reservoirs. These wells are essentially under natural conditions and fluctuations of the water level indicate the natural trend of changes in ground-water storage. On the other hand, many of the observation wells are in areas where ground water is heavily pumped for irrigation or other uses. The natural forces influencing

fluctuations of water levels in these wells generally are over-shadowed by the effects of pumping ground water, which is the dominant factor acting on the ground-water reservoir. When wells are heavily pumped, the water levels may decline substantially because water is removed from the ground-water reservoir at a rate faster than it is naturally replenished. After the irrigation season ends and the wells are no longer pumped, water levels recover somewhat. However, normally they do not rise to the level that they would have reached had there been no heavy withdrawal of water by pumping. In fact, in the most heavily pumped areas of the state, they rarely rise to the point where they stood prior to the beginning of the previous pumping season. Thus, on the average, each season of pumping is begun with a lower water table and a lesser amount of water in storage.

#### CHANGES IN WATER LEVELS DURING 1959

The year was generally favorable to ground-water recharge and at year's end the average water level was one-tenth of a foot higher than the average level for the period of record; however, average water levels in 45 counties were somewhat lower than the long-term average. Most of the shallow ground-water levels rose considerably in the late spring in response to the above-normal precipitation during that period. In areas of deep ground water, however, the rise was not so pronounced. In some of the upland areas where ground water is heavily pumped for irrigation, the recharge during the year was not enough to balance the withdrawals and, as a result, water levels were lower at the end of the year than they were at the beginning.

Figure 4 shows a summary of water-level fluctuations in wells for each county included in the state-wide observation-well program. Each bar graph represents by its height, to scale, the average difference between the high and low water-level readings in selected observation wells in a given county for the entire period of record. Wells that have been observed for only a short period of time are not included. The fall 1959 water-level measurements in wells in each county were averaged and compared with the lowest readings established from previous readings, and the cross-hatched section of the bar graph shows where the average 1959 readings stand with reference to the average lowest on record. Counties where ground water is heavily pumped for irrigation show the average water level to be at or near the low end of the scale. The high water levels in Gosper, Phelps, and Kearney Counties result from ground-water recharge derived from seepage from irrigation water diverted from the Platte River and distributed to lands in those counties. The high water levels in the eastern part of the state, however, result from natural recharge from favorable amounts of precipitation.

Hydrographs for the 7-year period ending December 1959, showing the net changes in water levels in 26 selected observation wells in Nebraska are given in figures 5-9. The hydrograph for well 22-24-33ca, Blaine County, shows a typical fluctuation of the water level in a well where the water table is shallow and where the principal factors influencing the ground-water reservoir are precipitation and evapotranspiration. Beginning about September or October of each year, the amount of water infiltrating to the water table exceeds the losses due to evapotranspiration, and the water table rises. It continues to rise until the beginning of the next growing

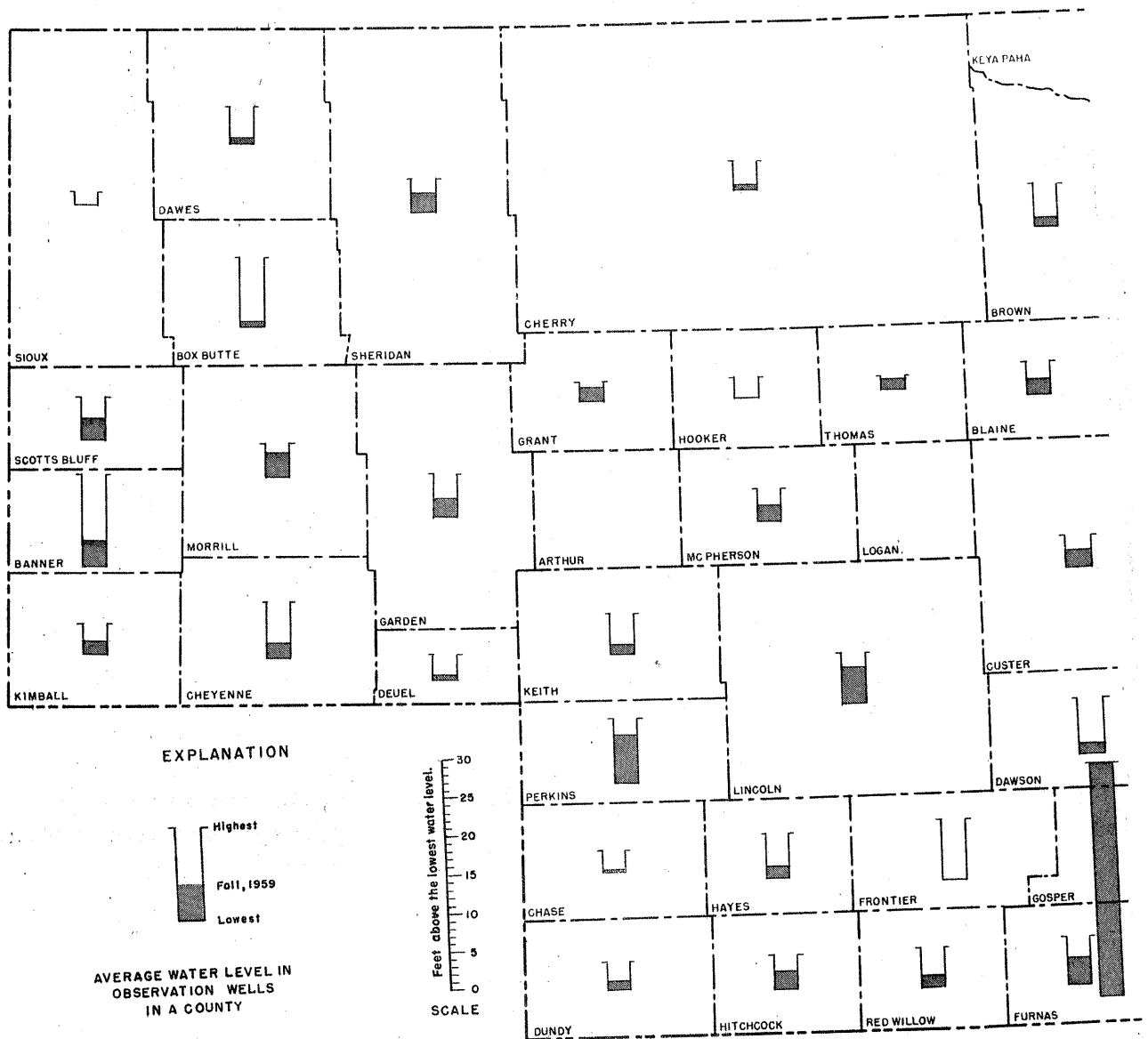
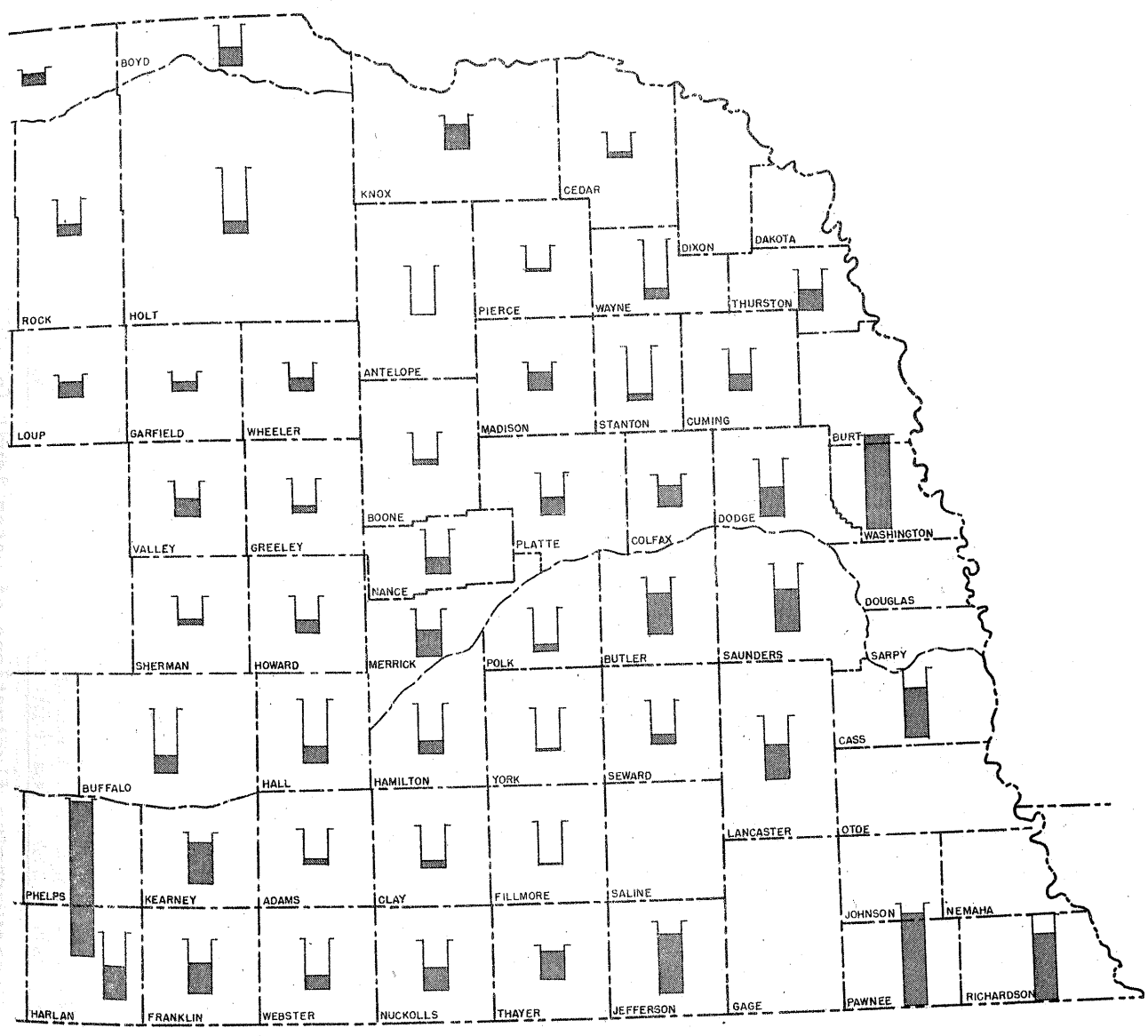


Figure 4.--Map of Nebraska showing, for fall of 1959, the relative position of average water levels in wells compared to the average range of fluctuation of water levels in wells in each county.

Source: U.S. Bureau of Census, Counties  
with Populations of 100,000 or More





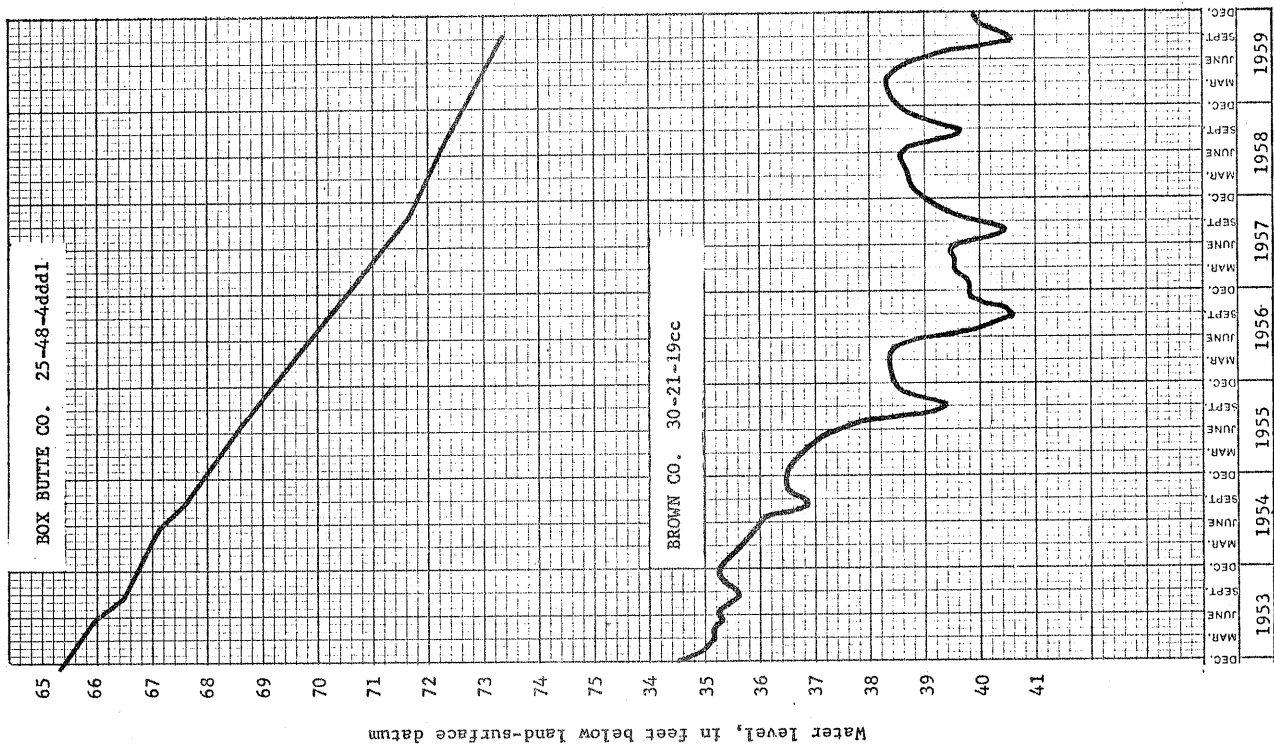
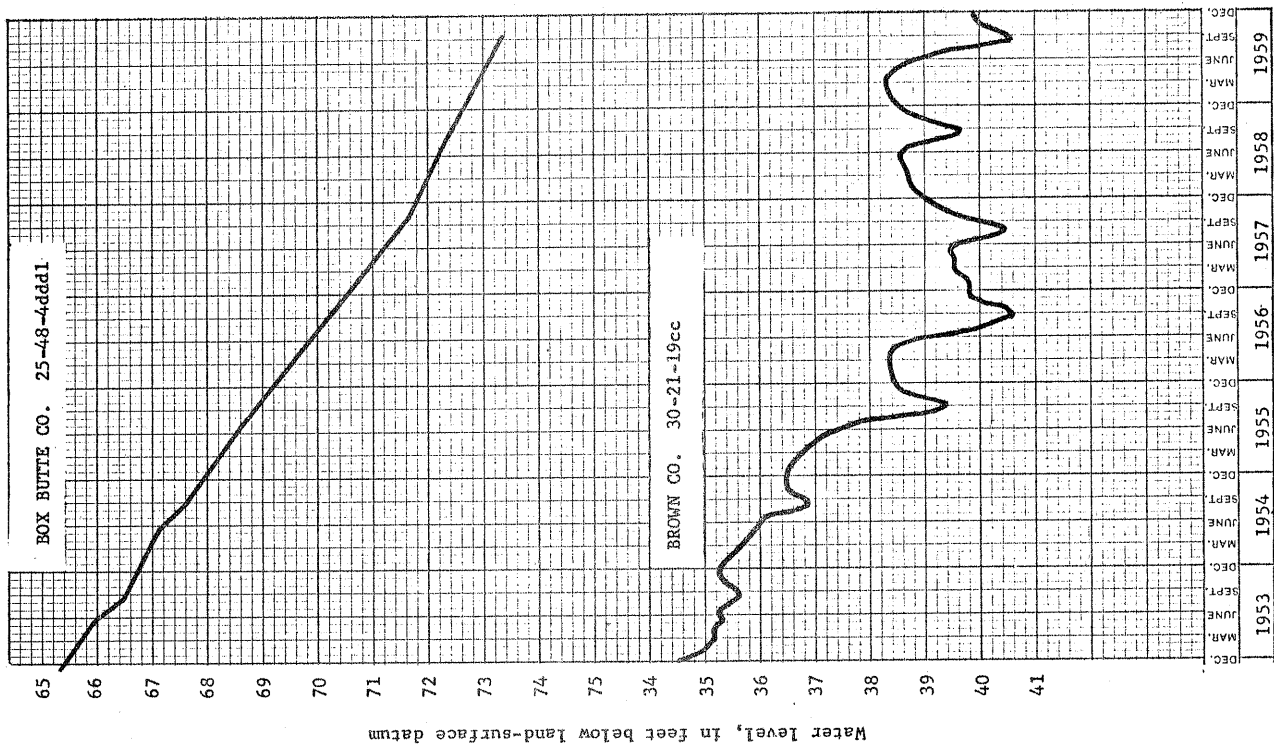
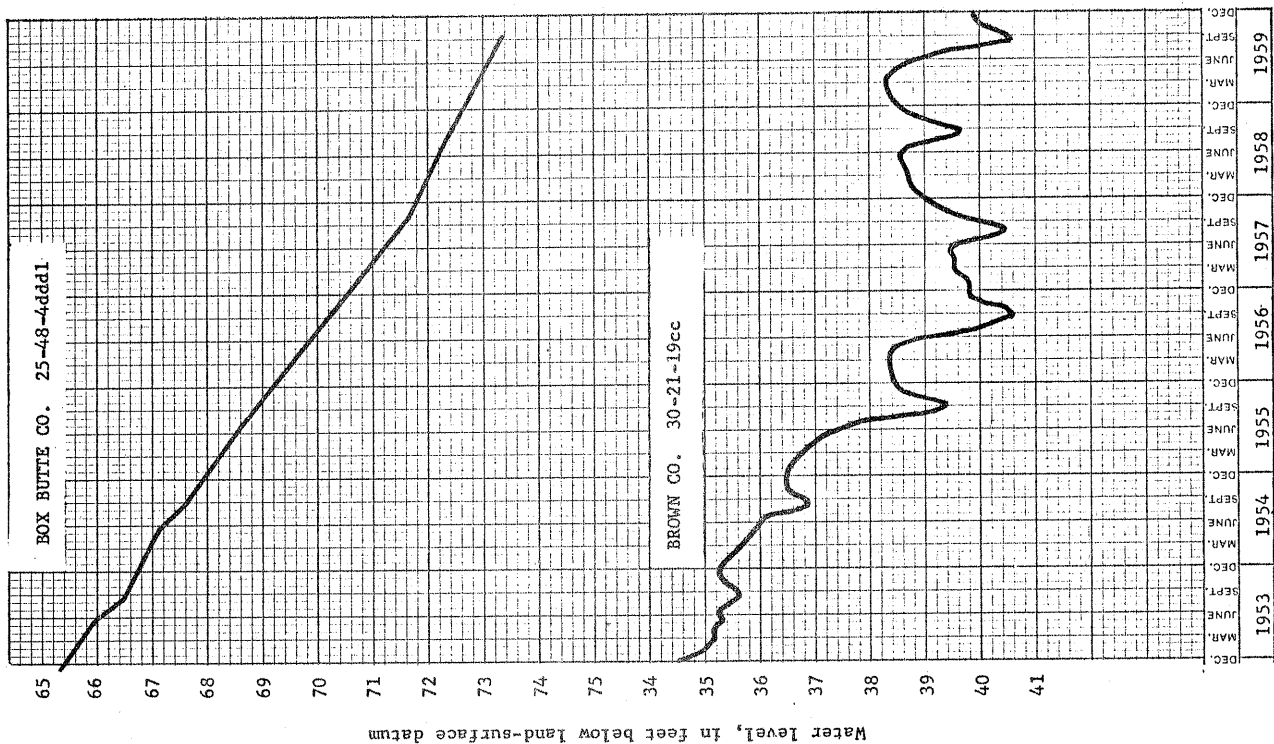
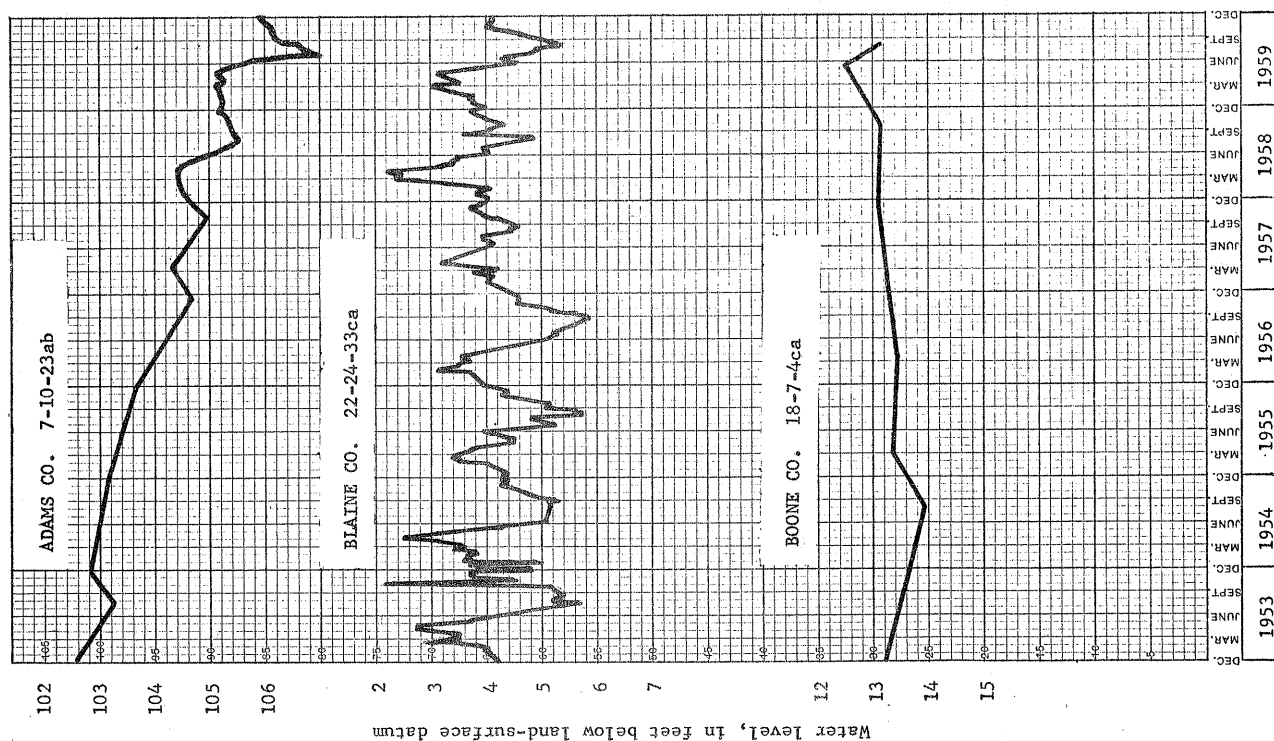


Figure 5.--Hydrographs showing fluctuations of water level in observation wells in Adams, Blaine,

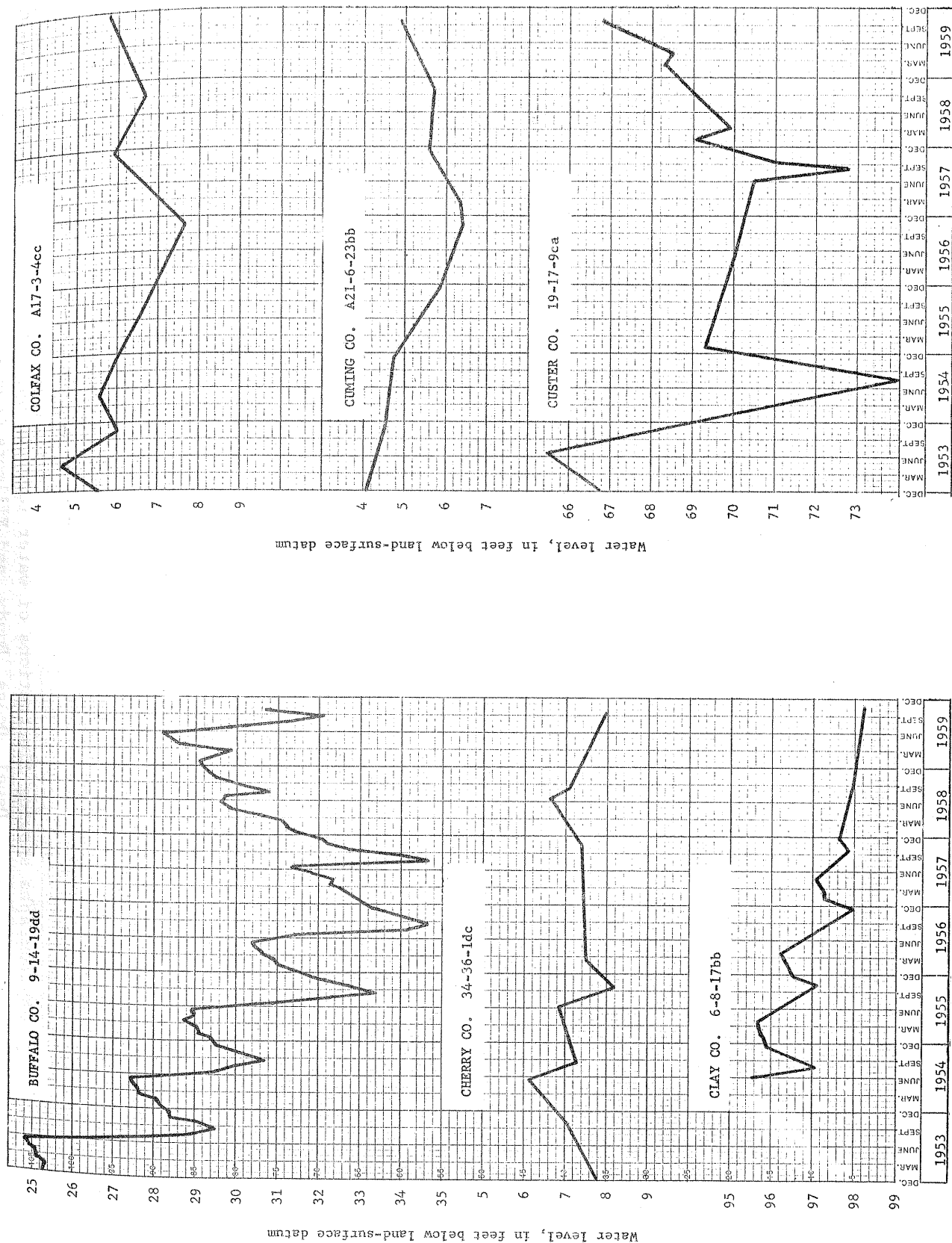


Figure 6.--Hydrographs showing fluctuations of water level in observation wells in Buffalo, Cherry, Clay, Colfax, Cuming, and Custer Counties.

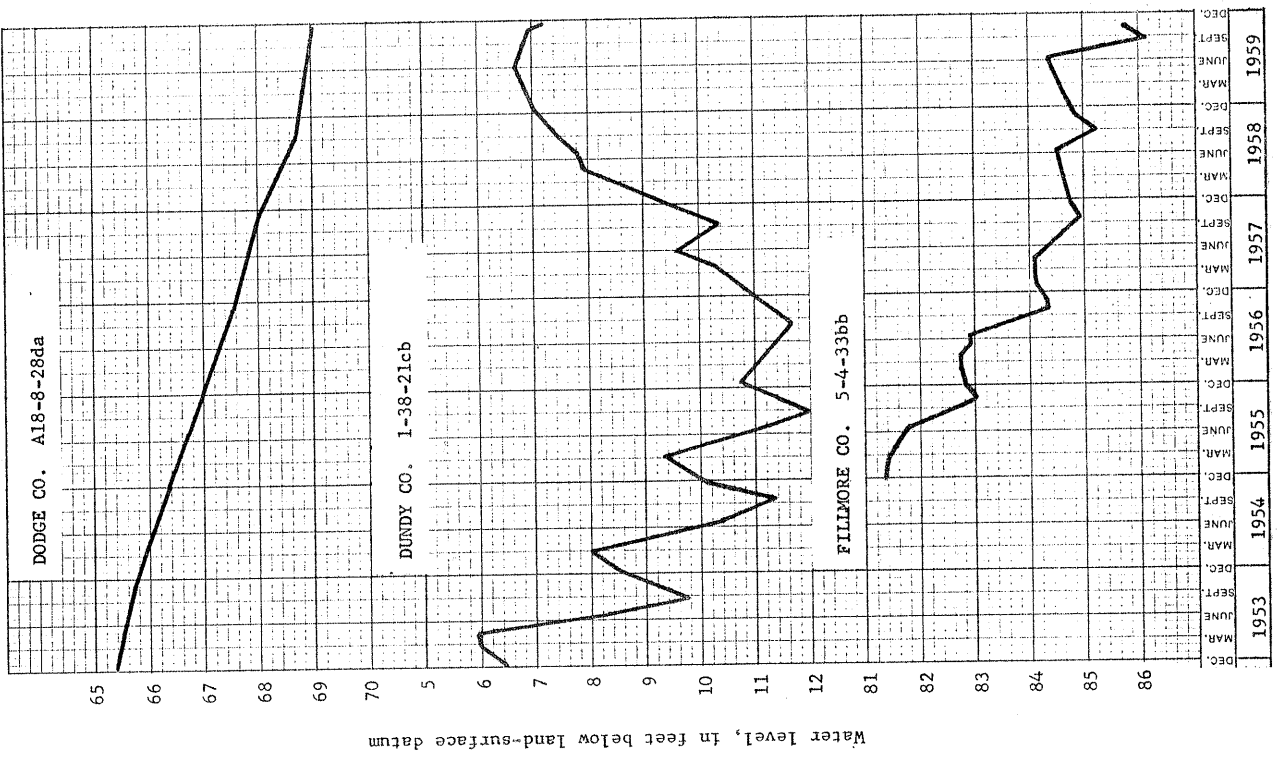
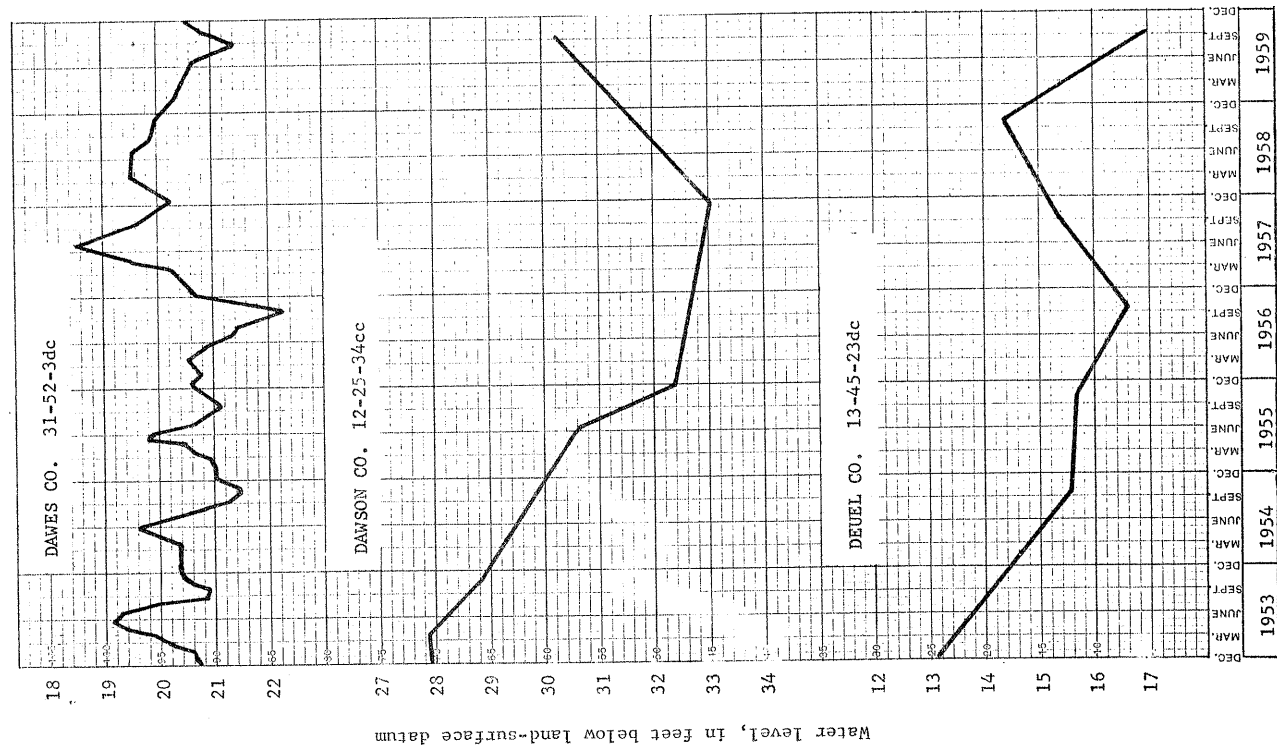


Figure 7. --Hydrographs showing fluctuations of water level in observation wells in Dawes, Dawson, Deuel, Dodge, Dundy, and Fillmore Counties.

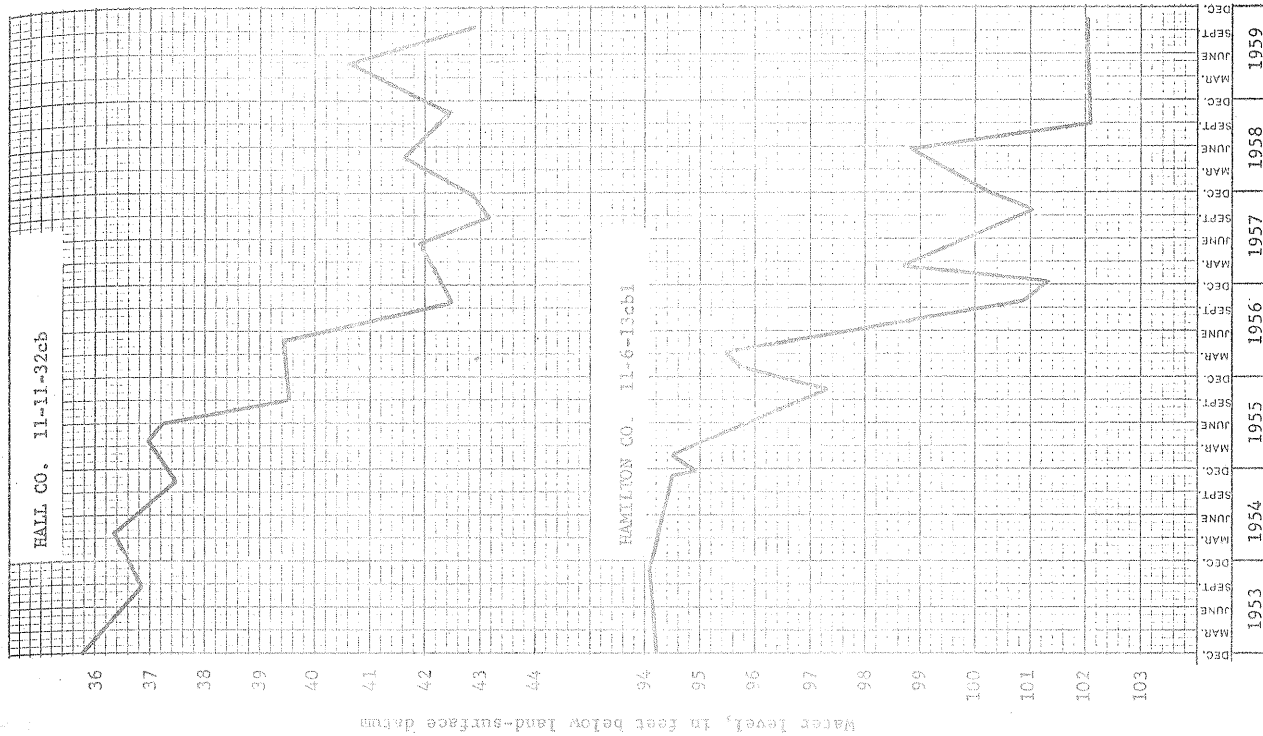
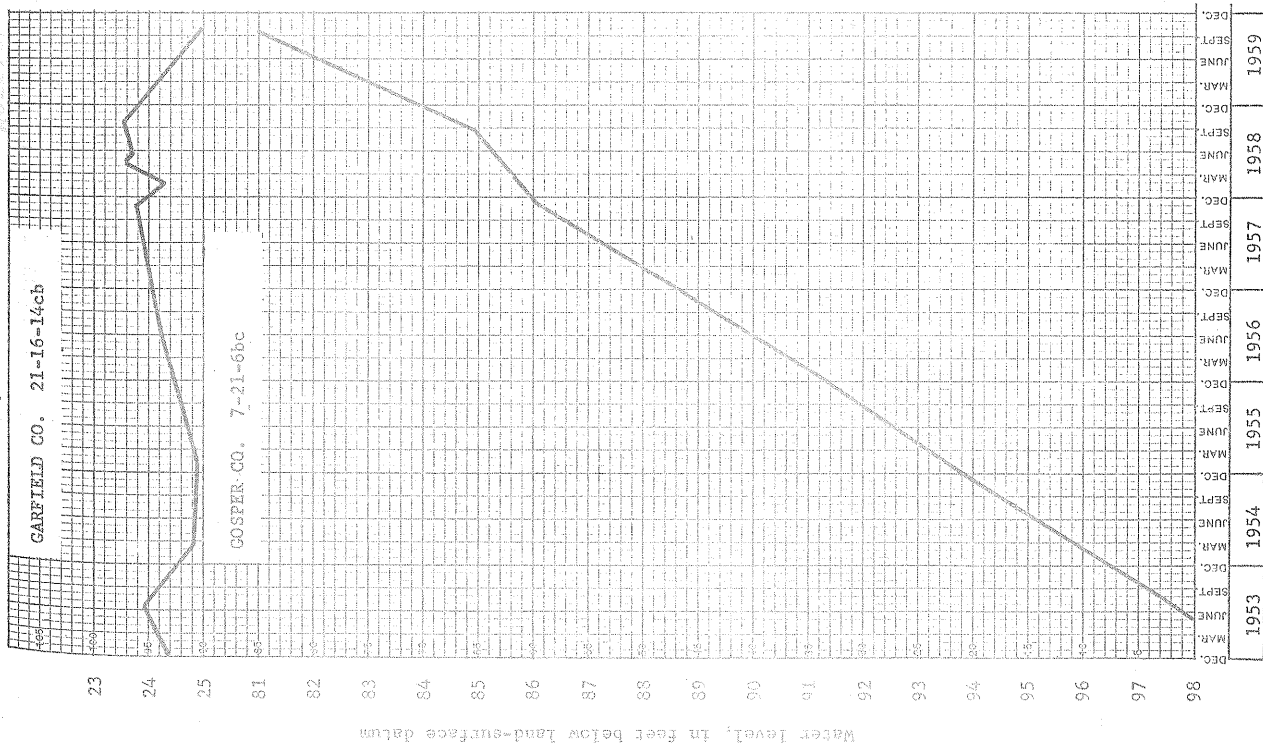


Figure 8. Hydrographs showing fluctuations of water level in observation wells in Garfield, Gosper, Hall, and Hamilton Counties.

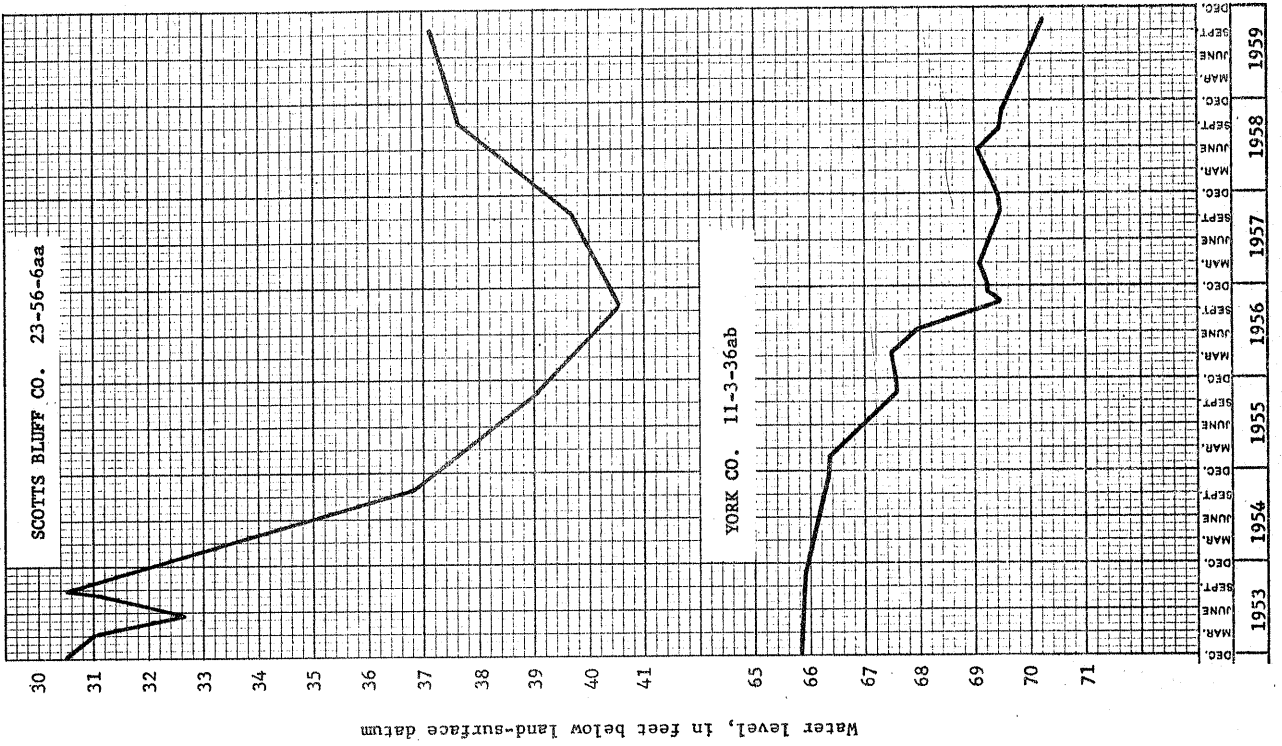
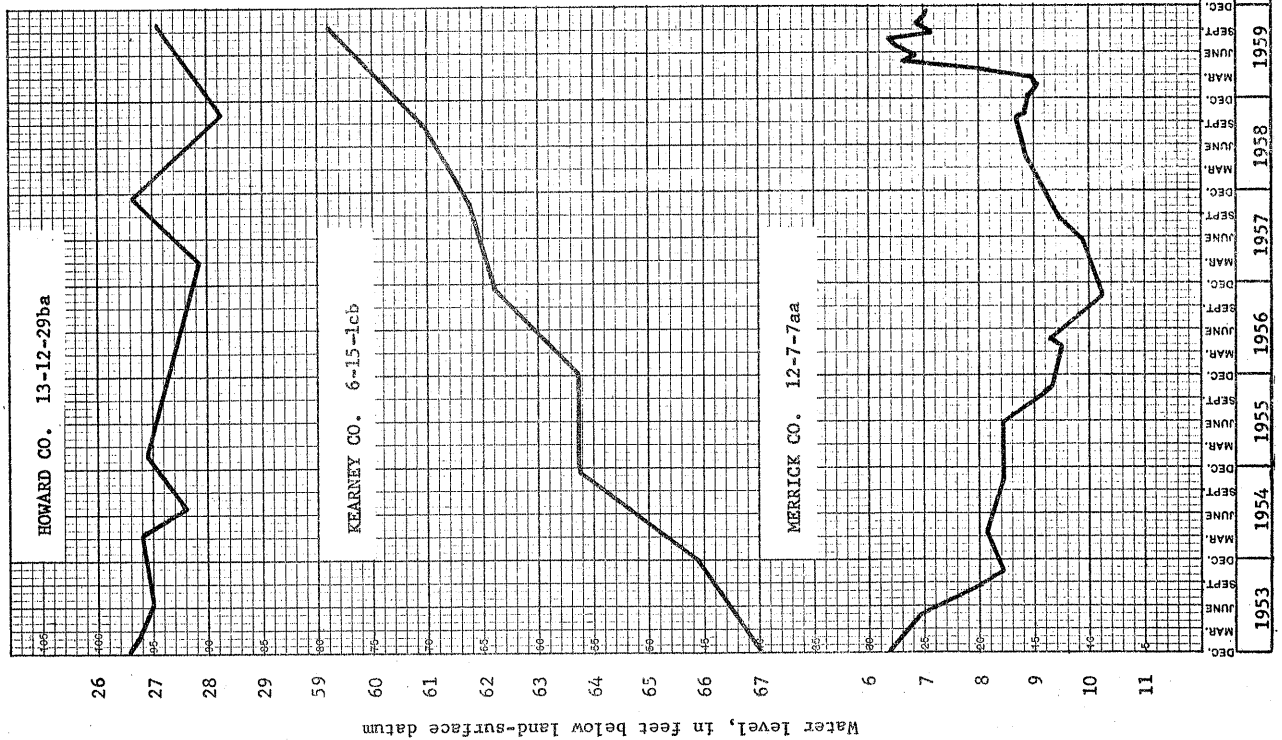


Figure 9.--Hydrographs showing fluctuations of water level in observation wells in Howard, Kearney, Merrick, Scotts Bluff, and York Counties.

season when the growing vegetation draws heavily on the shallow ground water and the water level declines. These annual cycles are broken somewhat by abnormally high recharge resulting from heavy precipitation or low recharge during dry periods. Where the water table is relatively deep, recharge from the land surface occurs more slowly because of the greater thickness of material through which the water must filter; therefore, the water table does not respond to precipitation so sharply as in shallow water areas. Discharge also occurs at a slower rate where the water table is below the reach of plant roots. A typical deep water table therefore is generally more stable than the shallow water table.

Some of the hydrographs show significant net changes in the water level in the 6-year period. The hydrographs for wells 9-14-19dd, in Buffalo County, 25-48-4ddd1 in Box Butte County, 11-11-32cb in Hall County, 11-6-13cb1 in Hamilton County, and 11-3-36ab in York County show a persistent decline of the water table. It is significant that these are in areas where ground water is heavily pumped for irrigation. The decline of the water table in these areas has resulted from the discharge of water from the ground-water reservoirs at an annual rate that is greater than the annual recharge. The hydrographs for wells 7-21-6bc in Gosper County and 6-15-1cb in Kearney County show a significant rise due to recharge from seepage from surface reservoirs and canals.

#### OTHER REPORTS CONTAINING WATER-LEVEL MEASUREMENTS

The publication of records of water-level measurements made in wells in the United States was begun by the Geological Survey in 1935 and was continued annually until 1956. Records of water levels in Nebraska wells are included in these publications. The following table gives the numbers of these reports.

U. S. Geological Survey water-supply papers on water levels and artesian pressure in observation wells in the United States

| Year | Number | Year | Number | Year | Number |
|------|--------|------|--------|------|--------|
| 1935 | 777    | 1943 | 988    | 1950 | 1167   |
| 1936 | 817    | 1944 | 1018   | 1951 | 1193   |
| 1937 | 840    | 1945 | 1025   | 1952 | 1223   |
| 1938 | 845    | 1946 | 1073   | 1953 | 1267   |
| 1939 | 886    | 1947 | 1098   | 1954 | 1323   |
| 1940 | 908    | 1948 | 1128   | 1955 | 1406   |
| 1941 | 938    | 1949 | 1158   | 1956 | 1456   |
| 1942 | 946    |      |        |      |        |

Beginning in 1954, records of water-level measurements made in wells in Nebraska have been released locally as mimeographed or multilithed publications. The first of this series contains measurements of water levels in wells which were not published in other reports, but the 1955 and later reports include water levels for essentially the complete Nebraska network of observation wells. Records for some wells observed for special study purposes have been omitted but are kept on open file. These reports are as follows:

Keech, C. F., and Case, R. L., 1954, Water levels prior to January 1, 1954 in observation wells in Nebraska, Pts. 1 and 2.

\_\_\_\_\_, 1955, Water levels in observation wells in Nebraska during 1954.

Keech, C. F., 1956, Water levels in observation wells in Nebraska during 1955.

\_\_\_\_\_, 1957, Water levels in observation wells in Nebraska during 1956.

\_\_\_\_\_, 1958, Water levels in observation wells in Nebraska during 1957, Nebr. Water Survey Paper 4.

\_\_\_\_\_, 1959, Water levels in observation wells in Nebraska during 1958, Nebr. Water Survey Paper 5.



# Adams County

5-9-9dc. Dan McClarry. Drilled irrigation water-table well in sand and gravel, diam 18 in, depth 142 ft. Lsd, 1,794.23 ft above msl. Highest water level 35.65, May 26, 1949; lowest water level 38.68, Nov. 8, 1957 and Nov. 10, 1959. Records available: 1947-59. Nov. 10, 38.68.

6-9-4cb. J. P. Larson. Drilled irrigation water-table well in sand and gravel, diam 18 in, depth 145 ft. Lsd, 1,891.85 ft above msl. Highest water level 102.62, June 17, 1952; lowest water level 104.73, Nov. 10, 1959. Records available: 1947-59. Nov. 10, 104.73.

6-10-23bb. U. S. Geol. Survey. Driven observation water-table well in sand and clay, diam 1 in, depth 18 ft. Lsd, 1,815.27 ft above msl. Highest water level 2.05, May 26, 1949; lowest water level 10.43, Apr. 12, 1937. Records available: 1936-40, 1942, 1946-59. Nov. 10, 6.87.

6-11-22cc. Lenard Parr. Drilled irrigation water-table well in sand and gravel, diam 18 in, depth 145 ft. Highest water level 90.26, Oct. 24, 1951; lowest water level 93.66, Sept. 17, 1958. Records available: 1950-59. Nov. 19, 93.39.

6-12-12db. L. Christenson. Drilled irrigation water-table well in sand, diam 18 in, depth 187 ft. Highest water level 98.31, Oct. 24, 1951; lowest water level 101.48, Nov. 10, 1959. Records available: 1948-51, 1959. Nov. 10, 101.48.

7-9-12dc. Eugene Halloran. Drilled irrigation water-table well in sand and gravel, diam 24 in, depth 205 ft. Lsd, 1,890.48 ft above msl. Highest water level 110.61, June 17, 1952; lowest water level 114.09, Nov. 10, 1959. Records available: 1948-59. Nov. 10, 114.09.

\*7-10-23ab. Henry Fricke. Drilled unused water-table well in sand and gravel, diam 8 in, depth 155 ft. Lsd, 1,927 ft above msl. Highest water level 99.95, Jan. 22, Mar. 14, 1935; lowest water level 107.60, July 29, 1959. Records available: 1934-38, 1948-59.

| Date    | Water level | Date    | Water level | Date     | Water level | Date    | Water level |
|---------|-------------|---------|-------------|----------|-------------|---------|-------------|
| Jan. 31 | 105.22      | May 31  | 105.15      | Aug. 31  | 106.67      | Nov. 10 | 106.18      |
| Mar. 31 | 105.19      | June 30 | 105.45      | Sept. 30 | 106.29      | Dec. 31 | 105.92      |
| Apr. 30 | 105.32      | July 31 | 106.51      | Oct. 31  | 106.14      |         |             |

7-11-3cb. Vic Katzberg. Drilled irrigation water-table well in sand and gravel, diam 18 in, depth 182 ft. Lsd, 2,020.04 ft above msl. Highest water level 110.64, Dec. 28, 1953; lowest water level 113.64, Nov. 10, 1959. Records available: 1947-59. Nov. 10, 113.64.

\*Recording gage.



### Adams County--Continued

7-12-15ca. Roscoe Karr. Drilled irrigation water-table well in sand and gravel, diam 18 in, depth 180 ft. Lsd, 2,056.9 ft above msl. Highest water level 94.63, Dec. 16, 1954; lowest water level 98.05, Nov. 17, 1947. Records available: 1947-51, 1954-59. Nov. 10, 97.46.

8-9-14ac. Charles Anderson. Drilled unused water-table well in sand and gravel, diam 18 in, depth 149 ft. Lsd, 1,907.71 ft above msl. Highest water level 107.78, June 17, 1952; lowest water level 115.86, Sept. 18, 1958. Records available: 1948-52, 1954, 1956-59. Nov. 12, 115.85.

8-10-26da. Staltz. Drilled irrigation water-table well in sand and gravel, diam 18 in, depth 162 ft. Highest water level 96.10, Aug. 22, 1951; lowest water level 101.72, Dec. 5, 1956. Records available: 1948-52, 1954-59. Nov. 10, 101.51.

8-12-8ab. E. Woodman. Drilled irrigation water-table well in sand and gravel, diam 18 in, depth 85 ft. Lsd, 2,009.14 ft above msl. Highest water level 6.15, July 8, 1949; lowest water level 10.98, Dec. 30, 1955. Records available: 1946-55, 1959. Nov. 10, 9.90.

### Antelope County

24-5-5bb. Glen Cowan. Drilled irrigation water-table well in sand, diam 18 in, depth 100 ft. Highest water level 24.60, Nov. 8, 1951; lowest water level 29.78, Nov. 14, 1956. Records available: 1951-59. Sept. 24, 29.05.

25-6-27bb. Gerald Baker. Drilled irrigation water-table well in sand, diam 18 in, depth 190 ft. Highest water level 15.83, Aug. 31, 1951; lowest water level 22.05, Nov. 14, 1956. Records available: 1951-59. Sept. 24, 21.20.

25-7-3db. Oscar Larsen. Drilled irrigation water-table well in sand, diam 18 in, depth 103 ft. Highest water level 7.05, Aug. 31, 1951; lowest water level 13.90, Nov. 14, 1956. Records available: 1951, 1953-59. Sept. 24, 12.46.

### Banner County

19-54-15bb. Bert Rodgers. Drilled irrigation water-table well in sand and gravel, diam 18 in, depth 50 ft. Highest water level 22.40, July 13, 1949; lowest water level 32.81, Sept. 19, 1952. Records available: 1949-52, 1954, 1956-59. Oct. 13, 31.43.

19-55-29ac. Fred Grant. Dug unused water-table well in sand, size 6 by 8 feet, depth 44 ft. Highest water level 23.00, Oct. 17, 1957; lowest water level 36.40, May 18, 1951. Records available: 1934-42, 1949-59. Oct. 13, 31.45.

### Blaine County

22-24-33ca. U. S. Geol. Survey. Drilled observation water-table well in fine sand, diam 1 in, depth 13 ft. Highest water level 1.04, Mar. 8, 1950; lowest water level 6.97, Aug. 8, 1951. Records available: 1934-59.

| Date   | Water level | Date    | Water level | Date    | Water level | Date     | Water level |
|--------|-------------|---------|-------------|---------|-------------|----------|-------------|
| Jan. 6 | 3.98        | Apr. 13 | 3.50        | July 8  | 4.55        | Sept. 29 | 5.09        |
| 19     | 3.79        | 27      | 3.06        | 21      | 4.26        | Oct. 14  | 4.84        |
| Feb. 2 | 3.80        | May 11  | 3.16        | Aug. 5  | 4.80        | 26       | 4.73        |
| 16     | 3.77        | 25      | 3.14        | 19      | 4.97        | Nov. 9   | 4.16        |
| Mar. 2 | 3.40        | June 8  | 3.93        | Sept. 1 | 5.19        | 23       | 4.00        |
| 16     | 3.28        | 22      | 4.48        | 15      | 5.42        | Dec. 21  | 4.05        |
| 30     | 3.03        |         |             |         |             |          |             |

23-22-22cb. U. S. Geol. Survey. Driven observation water-table well in sand, diam 1 in, depth 22 ft. Lsd, 2,496.6 ft above msl. Highest water level 15.43, Oct. 18, 1951; lowest water level 18.12, July 23, 1940. Records available: 1936-42, 1949-57, 1959. Oct. 9, 16.31.

### Boone County

18-7-4ca. U. S. Geol. Survey. Drilled observation water-table well in sand, diam 1 in, depth 22 ft. Highest water level 10.82, July 24, 1950; lowest water level 15.17, Oct. 26, 1940. Records available: 1937-42, 1948-59. June 10, 12.51; Sept. 2, 13.17.

18-7-14bb. Alois Kleffner. Drilled irrigation water-table well in sand, diam 18 in, depth 250 ft. Highest water level 56.64, Dec. 27, 1951; lowest water level 59.93, Sept. 12, 1959. Records available: 1948-51, 1958-59. June 10, 57.65; Sept. 12, 59.93.

### Boone County--Continued

19-7-30aa. Roy Green. Drilled irrigation water-table well in sand and gravel, diam 18 in, depth 98 ft. Highest water level 21.93, July 25, 1950; lowest water level 29.39, Sept. 12, 1959. Records available: 1948-51, 1958-59. June 10, 23.92; Sept. 12, 29.39.

19-7-31cc. William Brown. Drilled irrigation water-table well in clay, sand, and gravel, diam 18 in, depth 96 ft. Highest water level 35.53, July 24, 1950; lowest water level 37.97, Oct. 23, 1958. Records available: 1948-51, 1958-59. June 10, 37.10.

19-8-9bb. H. Curring. Drilled irrigation water-table well in sand, diam 18 in, depth 160 ft. Highest water level 68.79, May 8, 1951; lowest water level 69.94, Oct. 23, 1958. Records available: 1948-51, 1958-59. June 10, 69.05.

19-8-14db. John West. Drilled irrigation water-table well in sand, diam 24 in, depth 100 ft. Highest water level 24.56, Aug. 21, 1950; lowest water level 26.64, Oct. 23, 1958. Records available: 1948-51, 1958-59. June 10, 25.96; Sept. 12, 26.33.

19-8-16cc. Charles J. Dresch. Drilled irrigation water-table well in sand and gravel, diam 18 in, depth 165 ft. Highest water level 43.66, May 8, 1951; lowest water level 46.57, Sept. 13, 1959. Records available: 1948-59. June 10, 44.03; Sept. 13, 46.57.

### Box Butte County

24-47-1db. U. S. Geol. Survey. Driven observation water-table well in sand, diam 1½ in, depth 19 ft. Lsd, 3,909.4 ft above msl. Highest water level 11.14, Mar. 25, 1948; lowest water level 13.36, Oct. 17, 1955. Records available: 1946-59. Oct. 9, 12.93.

24-48-4bb. U. S. Geol. Survey. Driven observation water-table well in sand, diam 1½ in, depth 23 ft. Lsd, 3,942.8 ft above msl. Highest water level 13.32, Apr. 11, 1946; lowest water level dry at 22.36, Mar. 12, 1956 to Sept. 10, 1958. Records available: 1946-59. Oct. 9, 22.30.

24-48-10bb. U. S. Geol. Survey. Drilled observation water-table well in sand and gravel, diam 8 in, depth 26 ft. Lsd, 3,941.1 ft above msl. Highest water level 9.82, July 14, 1949; lowest water level 18.22, Oct. 8, 1959. Records available: 1946-59. Oct. 8, 18.22.

24-48-11dd. U. S. Geol. Survey. Driven observation water-table well in sand, diam 1½ in, depth 14 ft. Lsd, 3,930.2 ft above msl. Highest water level 3.81, July 14, 1949; lowest water level 8.04, Oct. 13, 1956. Records available: 1946-59. Oct. 8, 6.48.

Box Butte County--Continued

25-47-19aa. Owner unknown. Drilled domestic water-table well in sand, diam 6 in, depth 36 ft. Lsd, 3,931.10 ft above msl. Highest water level 20.35, July 21, 1938; lowest water level 34.66, Oct. 8, 1959. Records available: 1938, 1946-47, 1949-50, 1955, 1957-59. Oct. 8, 34.66.

25-48-4ddd1. U. S. Geol. Survey. Drilled observation water-table well in sand, diam 1½ in, depth 98 ft. Lsd, 4,032.95 ft above msl. Highest water level 63.14, Jan. 25, 1950; lowest water level 73.38, Oct. 8, 1959. Records available: 1946-59. Oct. 8, 73.38.

25-48-25bb. Dr. George Burnham. Drilled unused water-table well in sand, diam 18 in, depth 161 ft. Lsd, 3,990.8 ft above msl. Highest water level 70.76, Mar. 29, 1946; lowest water level 90.44, Oct. 8, 1959. Records available: 1946-59. Oct. 8, 90.44.

25-48-27db. Andrew Pepplar. Drilled irrigation water-table well in sand, diam 24 in, depth 155 ft. Lsd, 4,001.37 ft above msl. Highest water level 67.90, May 13, 1946; lowest water level 85.79, Oct. 8, 1959. Records available: 1946-51, 1953, 1955-59. Oct. 8, 85.79.

27-47-12da. Frank Krejci. Drilled unused water-table well, diam 6 in, depth 20 ft. Highest water level 6.92, July 12, 1949; lowest water level 12.09, Nov. 11, 1934. Records available: 1934-37, 1948-53, 1955-59. Oct. 8, 8.21.

27-51-6bb. Louis Homrighausen. Drilled unused water-table well in sandstone, diam 6 in, depth 225 ft. Lsd, 4,493.56 ft above msl. Highest water level 218.92, Sept. 27, 1953; lowest water level 224.00, Oct. 18, 1957. Records available: 1946-59. Oct. 7, 222.05.

28-51-6dd2. U. S. Geol. Survey. Driven observation water-table well in sand, diam 1½ in, depth 15 ft. Highest water level 2.37, Mar. 21, 1953; lowest water level 4.73, Sept. 19, 1954. Records available: 1953-59. Oct. 7, 3.99.

Boyd County

32-10-1cc. U. S. Geol. Survey. Driven observation water-table well in sand, diam 1 in, depth 15 ft. Highest water level 7.31, Nov. 14, 1956; lowest water level 10.18, Oct. 30, 1940. Records available: 1935-42, 1946, 1953, 1956-59. Sept. 23, 9.92.

33-13-9ca. E. M. Engelhaupt. Dug abandoned well, diam 24 in, depth 27 ft. Highest water level 12.83, May 30, 1936; lowest water level 19.08, Oct. 31, 1940. Records available: 1934-42, 1946, 1956-59. Sept. 23, 15.96.

### Boyd County--Continued

34-13-10ad. Adam Christman. Dug abandoned stock well in sand and gravel, diam 12 in, depth 18 ft. Highest water level 11.03, July 11, 1935; lowest water level 17.39, Nov. 14, 1956. Records available: 1934-42, 1946, 1956-59. Sept. 23, 13.79.

### Brown County

29-21-6cd. R. Anderson. Dug and drilled observation water-table well in sand, diam 6 ft, depth 85 ft. Highest water level 0.50, Apr. 4, 1952; lowest water level 9.00, June 17, 1945. Records available: 1944-45, 1947-59. Oct. 21, 6.06.

29-21-17cc. U. S. Geol. Survey. Jetted observation water-table well in sand, diam 3/4 in, depth 17 ft. Lsd, 2,537.95 ft above msl. Highest water level +0.56, Apr. 4, 1952; lowest water level 3.43, Oct. 30, 1956. Records available: 1950-57, 1959. Oct. 21, 3.00.

29-22-14ab. U. S. Geol. Survey. Drilled observation water-table well, diam 3/4 in, depth 32 ft. Lsd, 2,561.45 ft above msl. Highest water level 4.78, June 3, 1957; lowest water level 8.73, Oct. 4, 1956. Records available: 1952, 1955-59. Jan. 9, g6.88; July 3, g7.32.

29-22-15dcd. U. S. Geol. Survey. Jetted observation water-table well in sand, diam 3/4 in, depth 16 ft. Lsd, 2,581.66 ft above msl. Highest water level 1.88, Jan. 17, 1952; lowest water level 6.72, Oct. 30, 1956. Records available: 1950-57, 1959. Oct. 21, 6.63.

29-23-1bb. U. S. Geol. Survey. Jetted observation water-table well in sand, diam 3/4 in, depth 15 ft. Lsd, 2,593.64 ft above msl. Highest water level 2.33, Oct. 5, 1951; lowest water level 7.31, Sept. 13, 1955. Records available: 1950-57, 1959. Oct. 21, 6.89.

29-24-3db. U. S. Geol. Survey. Jetted observation water-table well in sand, diam 3/4 in, depth 14 ft. Lsd, 2,652.30 ft above msl. Highest water level 1.15, Apr. 4, 1952; lowest water level 4.90, July 6, 1950. Records available: 1950-59. Oct. 21, 4.45.

\*30-21-19cc. Consumers Public Power District. Drilled unused water-table well in sand, diam 6 in, depth 57 ft. Lsd, 2,509.07 ft above msl. Highest water level 34.40, Oct. 23-25, 1952; lowest water level 40.88, Sept. 24, 1959. Records available: 1947-59.

\*Recording gage.

Brown County--Continued

\*30-21-19cc--Continued.

| Date    | Water level | Date    | Water level | Date     | Water level | Date    | Water level |
|---------|-------------|---------|-------------|----------|-------------|---------|-------------|
| Jan. 25 | 38.45       | Apr. 25 | 38.37       | July 31  | 39.47       | Oct. 31 | 40.28       |
| Feb. 28 | 38.36       | May 31  | 38.58       | Aug. 31  | 40.34       | Nov. 30 | 39.99       |
| Mar. 31 | 38.32       | June 30 | 38.98       | Sept. 30 | 40.59       | Dec. 31 | 39.80       |

30-21-20cc. U. S. Geol. Survey. Drilled observation water-table well, diam 3/4 in, depth 53 ft. Lsd, 2,500.50 ft above msl. Highest water level 36.46, Dec. 1, 1952; lowest water level 43.87, Aug. 26, 1957. Records available: 1952, 1955-59. Jan. 9, g42.49; July 3, g41.39.

30-21-26bbb. Owner unknown. Drilled stock water-table well in sand, diam 5 in, depth 65 ft. Lsd, 2,423.78 ft above msl. Highest water level 39.20, Dec. 31, 1952; lowest water level 47.82, Sept. 14, 1948. Records available: 1947-59. Oct. 21, 45.09.

30-22-11bb. U. S. Geol. Survey. Drilled observation water-table well in sand, diam 3/4 in, depth 94 ft. Lsd, 2,518.52 ft above msl. Highest water level 61.36, June 15, 1954; lowest water level 64.68, Oct. 21, 1959. Records available: 1953-59. Jan. 9, g64.15; July 3, g64.26; Oct. 21, 64.68.

30-22-15cc. Kennedy. Drilled irrigation water-table well in sand, depth 70 ft. Lsd, 2,538.20 ft above msl. Highest water level 37.94, Dec. 31, 1952; lowest water level 48.87, Oct. 17, 1949. Records available: 1947-59. Oct. 21, 43.43.

30-22-16cd. Kennedy. Drilled irrigation water-table well in sand, diam 18 in, depth 69 ft. Lsd, 2,547.28 ft above msl. Highest water level 38.84, Nov. 17, 1952; lowest water level 43.84, Oct. 21, 1959. Records available: 1947, 1950-56, 1958-59. Oct. 21, 43.84.

30-22-23dc. Quinn. Diam 18 in. Lsd, 2,527.78 ft above msl. Highest water level 35.02, Apr. 4, 1952; lowest water level 38.26, Oct. 30, 1956. Records available: 1948, 1950-59. Oct. 21, 37.76.

30-22-27dc. T. S. Bower. Drilled irrigation water-table well in sand and gravel, diam 9 in, depth 59 ft. Lsd, 2,533.79 ft above msl. Highest water level 12.40, July 5, 1951; lowest water level 19.11, Sept. 13, 1955. Records available: 1934-45, 1947-57, 1959. Oct. 21, 17.62.

30-22-30dd. U. S. Geol. Survey. Drilled observation water-table well, diam 3/4 in, depth 31 ft. Lsd, 2,567.29 ft above msl. Highest water level 8.15, May 6, 1958; lowest water level 10.80, Jan. 29, 1957. Records available: 1952, 1955-59. Jan. 9, g9.41; July 3, g9.67.

\*Recording gage.

### Brown County--Continued

30-23-13bc. M. A. Miles. Drilled irrigation water-table well in sand and gravel, diam 18 in, depth 80 ft. Lsd, 2,572.7 ft above msl. Highest water level 35.75, Apr. 23, 1952; lowest water level 39.50, Nov. 20, 1944. Records available: 1941, 1944, 1947-59. Oct. 21, 38.55.

30-23-15bcc. Ainsworth Airport. Water-table well in sand and gravel, diam 18 in, depth 69 ft. Lsd, 2,576.80 ft above msl. Highest water level 20.00, Nov. 21, 1952; lowest water level 32.69, Nov. 30, 1956. Records available: 1952, 1955-59. Jan. 9, g30.84; July 3, 31.44.

30-23-21bc. U. S. Geol. Survey. Jetted observation water-table well in sand, diam 3/4 in, depth 13 ft. Lsd, 2,583.47 ft above msl. Highest water level 0.29, Apr. 23, 1952; lowest water level 4.10, Oct. 30, 1956. Records available: 1950-59. Oct. 21, 3.84.

31-21-13aa. U. S. Geol. Survey. Drilled observation water-table well, diam 3/4 in, depth 199 ft. Lsd, 2,281.58 ft above msl. Highest water level 125.19, Dec. 22, 1955; lowest water level 130.23, Dec. 1, 1952. Records available: 1952, 1955-59. Jan. 9, g125.93; July 3, g126.00.

31-21-19da. U. S. Geol. Survey. Drilled observation water-table well, diam 3/4 in, depth 194 ft. Lsd, 2,440.28 ft above msl. Highest water level 134.63, Dec. 22, 1955; lowest water level 140.40, Dec. 1, 1952. Records available: 1952, 1955-59. Jan. 9, g138.49; July 3, g138.29.

31-22-11dd. U. S. Geol. Survey. Drilled observation water-table well, depth 165 ft. Lsd, 2,451.60 ft above msl. Highest water level 106.53, Dec. 1, 1952; lowest water level 133.20, Sept. 23, 1955. Records available: 1952, 1955-59. Jan. 9, g123.19; July 3, g122.50.

31-22-30bb. U. S. Geol. Survey. Drilled water-table well, diam 3/4 in, depth 150 ft. Lsd, 2,543.64 ft above msl. Highest water level 119.73, Nov. 3, 1956; lowest water level 125.44, Dec. 1, 1952. Records available: 1952, 1955-59. Jan. 9, g121.10; July 3, g120.90.

### Buffalo County

8-15-3bcc. Ed Smallcomb. Water-table well. Highest water level 15.10, Nov. 7, 1958; lowest water level 20.3, Oct. 16, 1959. Records available: 1948, 1956-59. June 3, g15.50; Oct. 16, g20.3.

8-15-8ba. Owner unknown. Dug and drilled irrigation water-table well in sand, diam 24 in, depth 48 ft. Lsd, 2,128.67 ft above msl. Highest water level 12.12, Mar. 29, 1947; lowest water level 17.36, Oct. 19, 1956. Records available: 1947-53, 1955-59. June 3, g13.74; Oct. 16, g16.03.

Buffalo County--Continued

8-18-1cc. Owner unknown. Drilled irrigation water-table well in sand, diam 36 in, depth 26 ft. Lsd, 2,228.59 ft above msl. Highest water level 2.22, Mar. 29, 1948; lowest water level 4.23, Sept. 26, 1958. Records available: 1947-53, 1956, 1958-59. June 3, g3.48; Oct. 27, g3.37.

8-18-3ab. Owner unknown. Drilled irrigation water-table well in sand, depth 33 ft. Lsd, 2,244.77 ft above msl. Highest water level 8.85, May 7, 1951; lowest water level 11.84, Sept. 26, 1958. Records available: 1947-51, 1956, 1958-59. June 3, g9.25; Oct. 27, g11.72.

8-18-4cb. U. S. Geol. Survey. Driven observation water-table well in sand, diam 1½ in, depth 16 ft. Lsd, 2,252.45 ft above msl. Highest water level 7.30, Oct. 7, 1946; lowest water level 10.43, Sept. 26, 1958. Records available: 1946-56, 1958-59. June 3, g9.60; Oct. 27, g10.06.

9-13-5cb. F. M. Scott. Drilled irrigation water-table well in sand and gravel, diam 24 in, depth 52 ft. Lsd, 2,050.13 ft above msl. Highest water level 16.54, May 20, 1931; lowest water level 29.05, Oct. 19, 1956. Records available: 1930-59. June 1, g24.70; Oct. 15, g25.78.

9-13-9cc. B. F. Smith. Drilled irrigation water-table well in gravel, diam 24 in, depth 61 ft. Lsd, 2,038.95 ft above msl. Highest water level 10.87, July 5, 1949; lowest water level 23.25, Oct. 19, 1956. Records available: 1930-40, 1945-53, 1955-59. June 1, g15.10; Oct. 15, g18.80.

9-13-13ab. Dawson. Drilled irrigation water-table well in sand, diam 18 in, depth 82 ft. Lsd, 2,021.60 ft above msl. Highest water level 17.10, Oct. 2, 1952; lowest water level 24.19, Oct. 18, 1956. Records available: 1947-53, 1955-59. June 1, g19.40; Oct. 15, g21.77.

9-13-17cc. Harvey Lippincott. Drilled irrigation water-table well in sand, diam 18 in, depth 42 ft. Lsd, 2,051.75 ft above msl. Highest water level 14.80, May 4, 1951; lowest water level 25.11, Oct. 19, 1956. Records available: 1947-53, 1955-59. June 1, g16.80; Oct. 15, g18.97.

9-13-26aa. Owner unknown. Drilled irrigation water-table well in sand, diam 18 in, depth 29 ft. Lsd, 2,019.78 ft above msl. Highest water level 3.84, Apr. 12, 1949; lowest water level 8.73, Oct. 18, 1956. Records available: 1947-50, 1953, 1955-59. June 1, g5.00; Oct. 15, g7.39.

9-13-28cb. Owner unknown. Drilled irrigation water-table well in sand, diam 18 in, depth 44 ft. Lsd, 2,037.09 ft above msl. Highest water level 3.69, Mar. 19, 1952; lowest water level 7.94, Oct. 19, 1956. Records available: 1947-48, 1951-53, 1955-59. June 1, g4.02; Oct. 15, g6.74.



Buffalo County--Continued

\*9-14-1dc. U. S. Geol. Survey. Drilled observation water-table well in sand, diam 8 in, depth 37 ft. Lsd, 2,060.43 ft above msl. Highest water level 15.36, June 11, 1952; lowest water level 27.22, Aug. 25, 1957. Records available: 1946-59.

| Date    | Water level | Date    | Water level | Date     | Water level | Date    | Water level |
|---------|-------------|---------|-------------|----------|-------------|---------|-------------|
| Jan. 25 | 22.04       | Apr. 30 | 21.59       | July 31  | 23.35       | Oct. 31 | 23.50       |
| Feb. 28 | 21.90       | May 31  | 21.48       | Aug. 31  | 24.22       | Nov. 30 | 23.37       |
| Mar. 31 | 21.77       | June 30 | 21.53       | Sept. 30 | 23.73       | Dec. 31 | 23.27       |

9-14-4cc. U. S. Geol. Survey. Driven observation water-table well in sand, diam 1½ in, depth 29 ft. Lsd, 2,087.47 ft above msl. Highest water level 17.58, July 5, 1949; lowest water level dry Oct. 17, 1955 and Oct. 19, 1956 to June 3, 1957. Records available: 1946-59. Feb. 25, g25.10; June 1, g24.20; Oct. 27, g25.10.

9-14-11bc. W. E. Gamble. Drilled irrigation water-table well in sand, diam 18 in. Lsd, 2,076.53 ft above msl. Highest water level 19.63, May 4, 1951; lowest water level 30.75, Oct. 19, 1956. Records available: 1947-49, 1951-53, 1955-59. June 1, g24.98; Oct. 27, g25.71.

9-14-13cb. Mrs. Maude E. Davis. Drilled irrigation water-table well in sand and gravel, diam 24 in, depth 50 ft. Lsd, 2,068.10 ft above msl. Highest water level 15.30, July 11, 1947; lowest water level 28.61, Oct. 19, 1956. Records available: 1930-59. June 1, g23.20; Oct. 27, g24.8.

9-14-19dd. Robert D. Lewis. Drilled irrigation water-table well in sand and gravel, diam 24 in, depth 54 ft. Lsd, 2,102.16 ft above msl. Highest water level 22.55, June 9, 1931; lowest water level 34.70, Sept. 15, 1956 and Aug. 19, 1957. Records available: 1930-59.

| Date    | Water level | Date    | Water level | Date    | Water level | Date     | Water level |
|---------|-------------|---------|-------------|---------|-------------|----------|-------------|
| Jan. 20 | 29.10       | Apr. 20 | 28.60       | July 20 | 29.80       | Sept. 26 | 32.10       |
| Mar. 20 | 29.90       | June 22 | 28.20       | Aug. 20 | 31.35       | Oct. 20  | 30.70       |

9-14-21cc. William Adair. Drilled irrigation water-table well in fine sand and gravel, diam 24 in, depth 55 ft. Lsd, 2,082.22 ft above msl. Highest water level 17.62, July 11, 1932; lowest water level 27.53, Oct. 19, 1956. Records available: 1930-49, 1951-53, 1955-59. June 1, g20.20; Oct. 15, g23.80.

9-14-22bb. S. M. Doty. Drilled irrigation water-table well in clay, diam 18 in. Lsd, 2,079.81 ft above msl. Highest water level 15.00, July 11, 1947; lowest water level 24.22, Sept. 23, 1957. Records available: 1946-51, 1953-59. Feb. 25, g20.20; June 1, g19.45; Oct. 15, g21.68.

\*Recording gage.

Buffalo County--Continued

9-14-25ba. B. Chapman. Drilled irrigation water-table well in sand, diam 18 in, depth 40 ft. Lsd, 2,060.84 ft above msl. Highest water level 11.32, May 4, 1951; lowest water level 19.50, Oct. 19, 1956. Records available: 1947-53, 1955-59. June 1, g12.80; Oct. 15, g17.24.

9-14-31bb. Owner unknown. Drilled irrigation water-table well in sand, diam 24 in, depth 58 ft. Lsd, 2,098.48 ft above msl. Highest water level 14.12, Mar. 29, 1947; lowest water level 22.46, Oct. 19, 1956. Records available: 1947-53, 1955-59. June 1, g16.53; Oct. 15, g19.78.

9-14-34bb2. Ed Sidwell. Irrigation water-table well. Highest water level 13.14, Feb. 25, 1959; lowest water level 16.00, Oct. 15, 1959. Records available: 1957-59. Feb. 25, g13.14; June 1, g12.52; Oct. 15, g16.00.

9-15-11cb. Charles Aldeen. Drilled irrigation water-table well in sand and gravel, diam 24 in, depth 53 ft. Lsd, 2,117.20 ft above msl. Highest water level 23.67, July 11, 1947; lowest water level 38.07, Oct. 19, 1956. Records available: 1932-42, 1944-59. June 1, g31.24; Oct. 27, g32.31.

9-15-13bc. C. O. Newland. Drilled irrigation water-table well in sand, diam 24 in, depth 63 ft. Lsd, 2,107.97 ft above msl. Highest water level 23.22, Mar. 29, 1948; lowest water level 34.36, Oct. 19, 1956. Records available: 1947-53, 1955-59. June 1, g28.86; Oct. 27, g29.97.

9-15-34bb. J. W. Wolford. Drilled irrigation water-table well in sand and gravel, diam 24 in, depth 48 ft. Lsd, 2,119.78 ft above msl. Highest water level 16.60, June 16, 1931; lowest water level 27.17, Oct. 19, 1956. Records available: 1930-37, 1939, 1945-59. Feb. 25, g22.60; June 3, g22.10; Oct. 16, g24.78.

9-16-13bc. Lawrence Richter. Drilled irrigation water-table well in sand, diam 18 in, depth 110 ft. Lsd, 2,153.47 ft above msl. Highest water level 26.64, Mar. 1, 1950; lowest water level 36.99, Sept. 23, 1957. Records available: 1948-59. Feb. 25, g34.20; June 1, g31.86; Oct. 16, g36.22.

9-17-31cd. U. S. Geol. Survey. Driven observation water-table well in silt, diam 1½ in. Lsd, 2,236.73 ft above msl. Highest water level 8.02, Oct. 7, 1946; lowest water level 14.22, Dec. 2, 1953. Records available: 1946-57, 1959. June 3, g10.86; Oct. 27, g12.89.

9-18-30ab. Owner unknown. Drilled irrigation water-table well in sand, diam 60 in, depth 28 ft. Lsd, 2,275.28 ft above msl. Highest water level 2.90, Apr. 13, 1949; lowest water level 7.49, Oct. 27, 1959. Records available: 1947-53, 1958-59. June 3, g6.00; Oct. 27, g7.49.

## Buffalo County--Continued

9-18-33dc. Owner unknown. Drilled irrigation water-table well in sand, diam 24 in, depth 28 ft. Lsd, 2,256.81 ft above msl. Highest water level 9.06, Apr. 13, 1949; lowest water level 11.53, Oct. 27, 1959. Records available: 1947-52, 1954, 1956, 1958-59. June 3, g9.60; Oct. 27, g11.53.

10-13-21cc. Mrs. Susan MacMullen. Drilled irrigation water-table well in sand, diam 18 in, depth 50 ft. Lsd, 2,046.87 ft above msl. Highest water level 24.67, Mar. 3, 1952; lowest water level 36.35, Sept. 24, 1957. Records available: 1947-48, 1950-53, 1955-59. June 1, g32.09; Oct. 15, g35.76.

10-13-24bc. B. M. Bentley. Drilled irrigation water-table well in sand and gravel, diam 24 in, depth 52 ft. Lsd, 2,214.17 ft above msl. Highest water level 17.91, May 13, 1931; lowest water level 31.80, Oct. 15, 1959. Records available: 1930-40, 1944, 1946-59. June 1, g29.10; Oct. 15, g31.80.

10-13-27dd. Roger Kirk. Drilled irrigation water-table well in sand, diam 24 in, depth 60 ft. Lsd, 2,027.35 ft above msl. Highest water level 19.43, Jan. 10, 1952; lowest water level 31.63, Sept. 24, 1957. Records available: 1947-53, 1955-59. June 1, g26.76; Oct. 15, g29.54.

## Butler County

A13-2-30bc. George McGowan. Drilled irrigation water-table well, diam 18 in, depth 128 ft. Highest water level 58.89, June 18, 1953; lowest water level 60.09, Dec. 2, 1959. Records available: 1953, 1959. Dec. 2, 60.09.

\*A15-1-27dd. U. S. Geol. Survey. Drilled observation water-table well in sand and gravel, diam 5 in, depth 210 ft. Highest water level 86.86, July 17, 1959; lowest water level 105.42, Aug. 20, 1958. Records available: 1958-59.

| Date    | Water level | Date    | Water level | Date     | Water level | Date    | Water level |
|---------|-------------|---------|-------------|----------|-------------|---------|-------------|
| Jan. 5  | 92.80       | May 31  | 92.46       | Aug. 31  | 96.45       | Nov. 30 | 93.03       |
| Feb. 28 | 92.45       | June 30 | 91.46       | Sept. 30 | 93.53       | Dec. 31 | 93.04       |
| Mar. 31 | 92.60       | July 25 | 90.45       | Oct. 31  | 93.18       |         |             |

A16-2-14cc. U. S. Geol. Survey. Driven observation water-table well in fine sand, diam 1½ in, depth 13 ft. Lsd, 1,419.64 ft above msl. Highest water level 2.68, Apr. 2, 1952; lowest water level 10.51, Nov. 29, 1956. Records available: 1946-59. Nov. 25, 6.17.

\*Recording gage.

### Butler County--Continued

A16-3-1dc. Anthony J. Viglicky. Drilled irrigation water-table well in sand and gravel, diam 36 in, depth 37 ft. Lsd, 1,376.67 ft above msl. Highest water level 7.34, Apr. 2, 1952; lowest water level 15.25, Dec. 11, 1955. Records available: 1946-55, 1957-59. Nov. 25, 9.27.

A16-3-15cd. A. C. Fortna. Drilled irrigation water-table well in sand, diam 18 in, depth 70 ft. Lsd, 1,407.16 ft above msl. Highest water level 11.52, July 7, 1947; lowest water level 19.63, Nov. 29, 1956. Records available: 1946-53, 1956, 1958-59. Nov. 25, 14.23.

A17-4-28cd. Edward J. Duda. Driven irrigation water-table well in sand and gravel, diam 22 in, depth 66 ft. Lsd, 1,346.84 ft above msl. Highest water level 19.41, Apr. 2, 1952; lowest water level 24.78, Nov. 29, 1956. Records available: 1946-59. Nov. 25, 19.78.

### Cass County

A12-9-32ca. John Wiedeman. Drilled unused water-table well, diam 3 in, depth 89 ft. Highest water level 34.20, Dec. 11, 1953; lowest water level 43.05, Oct. 15, 1940. Records available: 1934-41, 1944, 1946, 1953-56, 1958-59. Sept. 21, 36.87; Dec. 3, 37.52.

### Cedar County

A28-3-4ca. U. S. Geol. Survey. Driven observation water-table well in gumbo, diam 1 in, depth 21 ft. Highest water level 5.78, July 12, 1940; lowest water level 10.32, Nov. 26, 1956. Records available: 1940-42, 1946-47, 1954-57, 1959. Sept. 22, 9.51.

A31-2-3lab. Joe Leise. Dug stock water-table well in gravel, diam 18 in, depth 22 ft. Highest water level 11.78, Jan. 8, 1936; lowest water level 13.39, July 10, 1936. Records available: 1934-40, 1942, 1946, 1953, 1955-56, 1958-59. Sept. 22, 13.36.

### Chase County

5-36-7ba. U. S. Geol. Survey. Driven observation water-table well in limestone, diam 1½ in, depth 19 ft. Highest water level 14.93, June 9, 1949; lowest water level 16.86, Dec. 7, 1950. Records available: 1946-59.

# Chase County--Continued

## 5-36-7ba--Continued.

| Date    | Water level | Date    | Water level | Date     | Water level | Date    | Water level |
|---------|-------------|---------|-------------|----------|-------------|---------|-------------|
| Jan. 9  | g15.72      | May 20  | g15.54      | July 25  | g15.75      | Oct. 13 | 16.40       |
| Mar. 17 | g15.69      | June 15 | g15.99      | Sept. 14 | g16.32      | Nov. 10 | g16.38      |

5-38-4aa. U. S. Bureau of Reclamation. Jetted observation water-table well in sand and gravel, diam 1½ in, depth 23 ft. Lsd, 3,151.20 ft above msl. Highest water level 10.79, June 9, 1949; lowest water level 13.55, June 26, 1958. Records available: 1949-50, 1954, 1957-59.

| Date    | Water level | Date    | Water level | Date     | Water level | Date    | Water level |
|---------|-------------|---------|-------------|----------|-------------|---------|-------------|
| Feb. 28 | g11.36      | June 30 | g11.68      | Aug. 29  | g11.90      | Oct. 29 | g11.53      |
| Apr. 28 | g11.39      | July 29 | g11.77      | Sept. 30 | g11.70      | Nov. 30 | g11.53      |
| May 29  | g11.13      |         |             |          |             |         |             |

7-38-20dd. Andrew R. Banks. Drilled unused water-table well in sand and gravel, diam 6 in, depth 100 ft. Highest water level 67.69, June 2, 1952; lowest water level 70.92, Nov. 19, 1942. Records available: 1934-40, 1942-44, 1948-59. Jan. 9, g69.45; Mar. 17, g69.38; May 20, g69.12; June 15, g69.75; July 25, g69.60; Sept. 14, g69.90; Nov. 10, g69.70.

\*7-38-28cc. Roy Hust. Drilled unused water-table well in sand, diam 18 in, depth 143 ft. Highest water level 74.03, May 5, 1951; lowest water level 76.93, Aug. 25 and Sept. 10, 1957. Records available: 1944, 1946-59.

| Date    | Water level | Date    | Water level | Date     | Water level | Date    | Water level |
|---------|-------------|---------|-------------|----------|-------------|---------|-------------|
| Jan. 31 | 76.36       | Apr. 25 | 76.07       | July 31  | 76.33       | Oct. 31 | 76.41       |
| Feb. 28 | 76.23       | May 31  | 75.95       | Aug. 31  | 76.60       | Nov. 30 | 76.23       |
| Mar. 31 | 76.16       | June 30 | 76.07       | Sept. 30 | 76.55       | Dec. 31 | 76.12       |

## Cherry County

28-28-1cc. U. S. Geol. Survey. Jetted observation water-table well in sand, diam ¾ in, depth 14 ft. Lsd, 2,929.09 ft above msl. Highest water level 1.05, Feb. 5, 1954; lowest water level 6.68, Oct. 22, 1959. Records available: 1950-59. Oct. 22, 6.68.

\*Recording gage.

Cherry County--Continued

29-28-13aa. U. S. Geol. Survey. Driven observation water-table well in sand, diam  $1\frac{1}{2}$  in, depth 14 ft. Lsd, 2,926.31 ft above msl. Highest water level 0.61, June 16, 1954; lowest water level 5.44, Oct. 22, 1959. Records available: 1949-59. Oct. 22, 5.44.

30-28-1ad. U. S. Geol. Survey. Jetted observation water-table well in sand, diam  $\frac{3}{4}$  in, depth 10 ft. Lsd, 2,878.14 ft above msl. Highest water level 2.50, Apr. 23, 1952; lowest water level 5.17, Nov. 1, 1956. Records available: 1950-59. Oct. 22, 4.83.

30-28-36aa. U. S. Geol. Survey. Drilled observation water-table well in sand, diam  $1\frac{1}{2}$  in, depth 12 ft. Lsd, 2,896.36 ft above msl. Highest water level +0.25, Apr. 1, 1955; lowest water level 4.46, Nov. 1, 1956. Records available: 1949-57, 1959. Oct. 22, 3.93.

30-29-14ac. U. S. Geol. Survey. Driven observation water-table well in sand, diam  $1\frac{1}{2}$  in, depth 14 ft. Lsd, 2,927.06 ft above msl. Highest water level 0.20, June 3, 1954; lowest water level 4.25, Dec. 12, 1955. Records available: 1949-59. Oct. 22, 4.12.

30-29-22bb. U. S. Geol. Survey. Driven observation water-table well in sand, diam  $1\frac{1}{2}$  in, depth 12 ft. Lsd, 2,950.42 ft above msl. Highest water level 0.87, May 10, 1950; lowest water level 4.12, Aug. 18, 1952. Records available: 1949-59. Oct. 22, 3.87.

31-25-21bd. U. S. Geol. Survey. Jetted observation water-table well in sand, diam  $1\frac{1}{2}$  in, depth 20 ft. Highest water level 0.10, Mar. 27, 1952; lowest water level 6.38, Sept. 12, 1936. Records available: 1936-59. Oct. 21, 5.18.

31-30-29ca. U. S. Geol. Survey. Jetted observation water-table well in sand, diam  $\frac{3}{4}$  in. Lsd, 2,952.9 ft above msl. Highest water level 94.13, May 16, 1955; lowest water level 96.43, Oct. 10, 1950. Records available: 1950-55, 1957-59. Mar. 23, 94.37; July 14, 94.50; Oct. 6, 94.56; Dec. 29, 94.64.

32-27-18cb. U. S. Geol. Survey. Jetted observation water-table well in sand, diam  $\frac{3}{4}$  in, depth 17 ft. Lsd, 2,781.3 ft above msl. Highest water level 5.61, June 23, 1952; lowest water level 8.50, Oct. 22, 1959. Records available: 1950-59. Oct. 22, 8.50.

32-27-30cc. U. S. Geol. Survey. Jetted observation water-table well in sand, diam  $\frac{3}{4}$  in, depth 13 ft. Lsd, 2,826.74 ft above msl. Highest water level 1.68, Sept. 12, 1951; lowest water level 5.64, Oct. 22, 1959. Records available: 1950-59. Oct. 22, 5.64.

### Cherry County--Continued

33-27-17cb. U. S. Geol. Survey. Driven observation water-table well in sand, diam 1 in, depth 9 ft. Lsd, 2,408.92 ft above msl. Highest water level 1.52, Dec. 29, 1951; lowest water level 3.38, Aug. 9, 1937. Records available: 1936-48, 1950-59. Oct. 21, 2.19.

34-27-31da. U. S. Geol. Survey. Drilled unused water-table well in sand, diam 2 in, depth 128 ft. Highest water level 97.89, Nov. 22, 1957; lowest water level 100.39, Oct. 19, 1941. Records available: 1934-41, 1944-47, 1957-59. Oct. 22, 98.74.

34-36-1dc. U. S. Geol. Survey. Driven observation water-table well in sand, diam 1 in, depth 21 ft. Highest water level 4.46, June 6, 1935; lowest water level 9.54, Oct. 1, 1941. Records available: 1934-45, 1947, 1951-59. Oct. 21, 7.98.

34-38-14bc. U. S. Geol. Survey. Drilled observation water-table well in sand, diam 1 in, depth 17 ft. Highest water level 5.20, Apr. 2, 1952; lowest water level 8.14, Aug. 9, 1937. Records available: 1936-41, 1944-47, 1951-59. Oct. 21, 6.96.

### Cheyenne County

13-50-3cb. Carl Olson. Drilled irrigation water-table well, diam 18 in, depth 100 ft. Lsd, 4,159.3 ft above msl. Highest water level 46.29, May 23, 1952; lowest water level 53.98, Oct. 13, 1959. Records available: 1951-52, 1957-59. Oct. 13, 53.98.

14-47-26cb. U. S. Geol. Survey. Drilled observation water-table well in sand and gravel, diam 1 in, depth 29 ft. Lsd, 3,872.80 ft above msl. Highest water level 18.32, Mar. 28, 1951; lowest water level 21.81, Oct. 10, 1956. Records available: 1940-42, 1944, 1947, 1950-52, 1954-59. Oct. 12, 21.12.

14-47-28cb. L. C. Barstow. Drilled irrigation water-table well, diam 18 in, depth 81 ft. Lsd, 3,897 ft above msl. Highest water level 11.73, May 29, 1952; lowest water level 14.13, Oct. 12, 1959. Records available: 1951-53, 1957, 1959. Oct. 12, 14.13.

14-48-27cc. Frank Partrey. Drilled irrigation water-table well in sand, diam 20 in, depth 110 ft. Highest water level 33.47, Mar. 29, 1951; lowest water level 42.40, Oct. 10, 1956. Records available: 1950-59. Oct. 12, 38.22.

14-50-27cc. Henry Haupt. Drilled irrigation water-table well in sand, diam 20 in, depth 84 ft. Lsd, 4,146 ft above msl. Highest water level 13.87, May 23, 1952; lowest water level 15.94, Oct. 12, 1959. Records available: 1951-53, 1957-59. Oct. 12, 15.94.

Cheyenne County--Continued

14-52-5cb. William Goding. Drilled irrigation water-table well in sand, diam 8 in, depth 55 ft. Highest water level 26.64, June 15, 1935; lowest water level 32.07, Oct. 11, 1956. Records available: 1934-40, 1950-52, 1954-57, 1959. Oct. 13, 29.90.

14-52-11ac. Earl Johnson. Drilled irrigation water-table well, diam 18 in, depth 92 ft. Highest water level 27.80, May 22, 1951; lowest water level 48.36, Oct. 11, 1956. Records available: 1950-52, 1954-59. Oct. 13, 42.59.

Clay County

5-5-11ba. Dale Friedline. Drilled irrigation water-table well in sand and gravel, diam 18 in, depth 163 ft. Highest water level 77.83, June 24, 1954; lowest water level 81.39, Nov. 10, 1959. Records available: 1954-59. Nov. 10, 81.39.

5-6-26bd. B. W. Merrill. Drilled unused water-table well in sand, diam 4 in, depth 86 ft. Highest water level 74.17, June 24, 1954; lowest water level 78.52, Oct. 28, 1957. Records available: 1948-50, 1952-59. Nov. 10, 78.48.

5-7-32ac. U. S. Geol. Survey. Driven observation water-table well in sand, diam 1 in, depth 23 ft. Highest water level 11.51, Aug. 19, 1954; lowest water level 14.14, Nov. 14, 1940. Records available: 1937-38, 1940-41, 1946, 1954-59. Nov. 10, 12.99.

6-8-17bb. Willard W. Kissinger. Drilled irrigation water-table well in sand, diam 18 in, depth 151 ft. Lsd, 1,846 ft above msl. Highest water level 95.53, June 24, 1954; lowest water level 98.21, Nov. 12, 1959. Records available: 1952, 1954-59. Nov. 12, 98.21.

8-6-12bb. Paul Helzer. Drilled irrigation water-table well in sand and gravel, diam 18 in, depth 135 ft. Lsd, 1,769.50 ft above msl. Highest water level 76.80, Apr. 28, 1953; lowest water level 88.79, July 7, 1958. Records available: 1953-59. Nov. 12, 85.36.

8-8-17ab. Ray O'Donnell. Drilled irrigation water-table well in sand and gravel, diam 18 in, depth 155 ft. Lsd, 1,884.50 ft above msl. Highest water level 103.57, Apr. 22, 1953; lowest water level 110.97, Nov. 12, 1959. Records available: 1953-59. Nov. 12, 110.97.



## Colfax County

A17-2-22dd. U. S. Geol. Survey. Driven observation water-table well in sand, diam  $1\frac{1}{2}$  in, depth 13 ft. Lsd, 1,385.01 ft above msl. Highest water level 3.49, May 3, 1951; lowest water level 8.25, Nov. 28, 1956. Records available: 1946-59. Dec. 2, 4.59.

A17-3-4cc. U. S. Geol. Survey. Drilled observation water-table well in sand, diam  $1\frac{1}{2}$  in, depth 16 ft. Lsd, 1,370.58 ft above msl. Highest water level 4.15, Apr. 1, 1952; lowest water level 7.62, Nov. 28, 1956. Records available: 1946-59. Dec. 2, 5.79.

A17-3-11dd. T. O. Bailey. Drilled irrigation water-table well in sand, diam 16 in, depth 90 ft. Lsd, 1,348.80 ft above msl. Highest water level 7.60, Sept. 25, 1959; lowest water level 11.12, Oct. 9, 1958. Records available: 1946-53, 1958-59. Sept. 25, 7.60; Dec. 1, 8.42.

A17-3-15bc. Owner unknown. Dug and drilled irrigation water-table well in sand, diam 24 in, depth 25 ft. Lsd, 1,358.10 ft above msl. Highest water level 8.41, Dec. 2, 1959; lowest water level 11.39, Nov. 28, 1956. Records available: 1947-49, 1953, 1956, 1958-59. Dec. 2, 8.41.

A17-3-18dc. K. J. Folda. Drilled irrigation water-table well in sand, diam 24 in, depth 61 ft. Lsd, 1,369.12 ft above msl. Highest water level 1.75, Mar. 23, 1948; lowest water level 4.87, Nov. 28, 1956. Records available: 1946-53, 1956, 1958-59. Dec. 2, 3.29.

A17-3-23cc. U. S. Geol. Survey. Driven observation water-table well in sand, diam  $1\frac{1}{2}$  in, depth 11 ft. Lsd, 1,347.03 ft above msl. Highest water level 2.15, Mar. 24, 1948; lowest water level 5.27, Sept. 3, 1946. Records available: 1946-59. Dec. 1, 4.19.

A17-3-29aa. U. S. Geol. Survey. Driven observation water-table well in sand, diam  $1\frac{1}{2}$  in. Lsd, 1,360.63 ft above msl. Highest water level 6.97, July 8, 1947; lowest water level 9.35, Nov. 28, 1956. Records available: 1946-53, 1956, 1958-59. Dec. 2, 7.33.

A17-4-4bb. E. Maxes. Drilled irrigation water-table well in sand and gravel, diam 24 in, depth 36 ft. Lsd, 1,340.15 ft above msl. Highest water level 9.44, June 3, 1952; lowest water level 18.90, Nov. 28, 1956. Records available: 1945-59. Dec. 1, 12.98.

## Cuming County

A21-6-23bb. U. S. Geol. Survey. Drilled observation water-table well in sand and gravel, diam 1 in, depth 23 ft. Highest water level 3.68, Nov. 6, 1951; lowest water level 8.93, Oct. 10, 1941. Records available: 1934-44, 1946, 1948, 1950-59. Sept. 25, 4.87.

## Cuming County--Continued

A22-6-4aa. Art Miller. Drilled irrigation water-table well in sand, diam 18 in, depth 52 ft. Highest water level 7.51, Sept. 1, 1951; lowest water level 11.24, Nov. 13, 1956. Records available: 1950-59. Sept. 25, 9.35.

A22-6-16ca. Fritz Koch. Drilled irrigation water-table well in sand, diam 18 in, depth 55 ft. Highest water level 1.99, Nov. 7, 1951; lowest water level 9.57, Oct. 27, 1958. Records available: 1951, 1953-59. Sept. 25, 9.28.

A22-6-34bd. City of West Point. Drilled unused water-table well in sand, diam 18 in, depth 42 ft. Highest water level 3.78, Jan. 30, 1952; lowest water level 7.97, Oct. 27, 1958. Records available: 1950-59. Sept. 25, 7.55.

A23-5-36bd. H. Albers. Drilled irrigation water-table well in sand, diam 18 in, depth 52 ft. Highest water level 8.28, Aug. 29, 1951; lowest water level 13.50, Nov. 13, 1956. Records available: 1950-59. Sept. 25, 10.84.

A24-4-30ad. Harry Pumprey. Drilled irrigation water-table well in sand, diam 18 in, depth 42 ft. Highest water level 7.57, Aug. 29, 1951; lowest water level 13.33, Mar. 13, 1957. Records available: 1950-55, 1957-59. Sept. 25, 10.67.

## Custer County

18-17-4ac. Ben Tvrdik. Drilled irrigation water-table well in gravel, diam 32 in, depth 108 ft. Lsd, 2,274.18 ft above msl. Highest water level 11.53, Aug. 12, 1954; lowest water level 13.30, June 20, 1956. Records available: 1950-56, 1958-59. Oct. 22, 12.32.

19-17-9ca. R. E. Probert. Drilled irrigation water-table well in gravel, diam 18 in, depth 170 ft. Lsd, 2,335.4 ft above msl. Highest water level 65.43, July 17, 1953; lowest water level 73.99, Aug. 13, 1954. Records available: 1949-59. Mar. 5, g68.3; May 7, g68.5; Oct. 23, g66.8.

19-18-9aa. Leonard Owen. Driven observation water-table well in sand, diam 1½ in, depth 28 ft. Lsd, 2,325.16 ft above msl. Highest water level 11.16, Mar. 13, 1950; lowest water level 14.98, July 16, 1940. Records available: 1934-42, 1945, 1948-55, 1957-59.

| Date   | Water level | Date   | Water level | Date     | Water level | Date    | Water level |
|--------|-------------|--------|-------------|----------|-------------|---------|-------------|
| Jan. 5 | g12.9       | Apr. 2 | g11.6       | Aug. 18  | g13.1       | Nov. 25 | g12.8       |
| Feb. 3 | g12.5       | May 6  | g12.6       | Sept. 16 | g13.3       | Dec. 16 | g13.0       |
| Mar. 5 | g12.5       |        |             |          |             |         |             |

Custer County--Continued

19-19-2bb. Ralph Slagel. Drilled irrigation water-table well in sand and gravel, diam 18 in, depth 69 ft. Lsd, 2,361.95 ft above msl. Highest water level 13.40, Oct. 22, 1959; lowest water level 19.41, Sept. 1, 1954. Records available: 1949-55, 1957-59. Mar. 9, g16.00; May 7, g16.00; Oct. 22, 13.40; Oct. 23, g13.60.

20-17-3bd. Bill Webber. Drilled irrigation water-table well, diam 18 in, depth 127 ft. Highest water level 79.63, Oct. 22, 1959; lowest water level 80.66, Sept. 24, 1951. Records available: 1950-51, 1957-59. Oct. 22, 79.63.

20-20-29bb. Marvin Price. Drilled irrigation water-table well in sand, diam 18 in, depth 96 ft. Lsd, 2,444.96 ft above msl. Highest water level 32.3, Oct. 23, 1959; lowest water level 34.22, Aug. 10, 1950 and Apr. 5, 1954. Records available: 1950-54, 1957-59. Mar. 9, g33.0; May 7, g33.1; Oct. 23, g32.3.

20-21-10bc. A. C. Turner. Drilled domestic water-table well in sand and gravel, diam 6 in, depth 30 ft. Lsd, 2,476.68 ft above msl. Highest water level 17.78, July 16, 1953; lowest water level 22.81, Aug. 26, 1955. Records available: 1949-59.

| Date   | Water level | Date   | Water level | Date     | Water level | Date    | Water level |
|--------|-------------|--------|-------------|----------|-------------|---------|-------------|
| Jan. 5 | g19.6       | Apr. 3 | g19.6       | Aug. 18  | g20.5       | Nov. 25 | g19.6       |
| Feb. 3 | g19.7       | May 6  | g19.8       | Sept. 16 | g20.3       | Dec. 16 | g19.5       |
| Mar. 5 | g19.4       | July 2 | g20.0       | Oct. 21  | g19.9       |         |             |

Dawes County

29-47-2dca. Anderson. Drilled irrigation water-table well in sand, diam 16 in, depth 265 ft. Highest water level 80.19, Mar. 13, 1956; lowest water level 83.38, Oct. 8, 1959. Records available: 1950-59. Oct. 8, 83.38.

31-52-3dc. T. P. Moody. Drilled observation water-table well in sand and alluvium, diam 8 in, depth 39 ft. Highest water level 15.87, May 30, 1948; lowest water level 22.28, Oct. 31, 1956. Records available: 1934-59. Feb. 27, 20.35; July 23, 20.65; Sept. 30, 21.43; Oct. 8, 21.38; Oct. 30, 21.08; Nov. 27, 20.79; Dec. 31, 20.57.

## Dawson County

9-19-22ba. Tom Brennan. Drilled irrigation water-table well in sand, diam 24 in, depth 57 ft. Lsd, 2,311.79 ft above msl. Highest water level 17.79, Mar. 29, 1947; lowest water level 26.13, Oct. 27, 1959. Records available: 1947-51, 1956, 1959. June 3, g23.79; Oct. 27, g26.13.

9-19-31cc. Owner unknown. Drilled irrigation water-table well in sand, diam 18 in, depth 32 ft. Highest water level 6.50, Apr. 16, 1949; lowest water level 8.72, June 1, 1956. Records available: 1947-51, 1956, 1959. June 3, g7.48; Oct. 27, g8.27.

9-19-35cc. F. E. Barber. Drilled irrigation water-table well in sand, depth 34 ft. Lsd, 2,286.93 ft above msl. Highest water level 6.40, Mar. 29, 1947; lowest water level 10.03, Oct. 27, 1959. Records available: 1947-51, 1956, 1959. June 3, g8.49; Oct. 27, g10.03.

9-20-3dd. U. S. Geol. Survey. Driven observation water-table well in sand, diam 1½ in, depth 18 ft. Lsd, 2,343.38 ft above msl. Highest water level 5.65, Oct. 25, 1951; lowest water level 16.14, Oct. 6, 1959. Records available: 1946-56, 1959. June 4, g13.54; Oct. 6, 16.14; Oct. 28, 15.82.

9-20-5bc. Mary Rhoadarmer. Drilled irrigation water-table well in sand, diam 18 in, depth 60 ft. Lsd, 2,373.68 ft above msl. Highest water level 18.45, July 1, 1947; lowest water level 26.81, Oct. 28, 1959. Records available: 1946-53, 1959. June 4, g24.57; Oct. 28, g26.81.

9-20-12ab. Owner unknown. Drilled irrigation water-table well in sand, diam 18 in, depth 36 ft. Lsd, 2,333.26 ft above msl. Highest water level 9.61, Apr. 16, 1949; lowest water level 15.22, Oct. 28, 1959. Records available: 1947-51, 1956, 1959. June 4, g12.55; Oct. 28, g15.22.

9-20-13bc. J. P. Brick. Drilled irrigation water-table well in gravel and fine sand, diam 18 in, depth 43 ft. Lsd, 2,328.22 ft above msl. Highest water level 6.90, Dec. 3, 1946; lowest water level 14.43, Dec. 3, 1957. Records available: 1930-55, 1957-59. June 4, g11.55; Oct. 6, 13.92; Oct. 28, g13.70.

9-20-25bb. Codwaller. Drilled irrigation water-table well in sand, diam 6 ft, depth 29 ft. Lsd, 2,320.18 ft above msl. Highest water level 3.71, Apr. 16, 1949; lowest water level 8.57, Oct. 27, 1959. Records available: 1947-50, 1959. June 3, g6.70; Oct. 27, g8.57.

9-20-33dd. U. S. Geol. Survey. Driven observation water-table well in sand, diam 1½ in, depth 12 ft. Lsd, 2,328.02 ft above msl. Highest water level 2.09, July 7, 1949; lowest water level 5.97, Oct. 28, 1959. Records available: 1946-56, 1959. June 3, g4.14; Oct. 28, g5.97.

Dawson County--Continued

9-20-34bb. Guy Weitzel. Drilled irrigation water-table well in sand, diam 6 ft, depth 28 ft. Lsd, 2,329.82 ft above msl. Highest water level 4.02, Mar. 29, 1947; lowest water level 7.33, Oct. 28, 1959. Records available: 1947-51, 1956, 1959. June 3, g5.28; Oct. 28, g7.33.

9-21-12cb. C. B. Myers. Drilled irrigation water-table well in gravel and fine sand, diam 24 in, depth 35 ft. Lsd, 2,369.56 ft above msl. Highest water level 9.18, July 1, 1935; lowest water level 13.19, Aug. 10, 1937. Records available: 1932, 1934-40, 1943-53, 1959. June 4, g11.75; Oct. 28, g12.92.

9-21-19aall. U. S. Geol. Survey. Driven observation water-table well in gravel, diam 1½ in, depth 11 ft. Lsd, 2,397.24 ft above msl. Highest water level 1.88, Feb. 25, 1932; lowest water level 5.93, Sept. 17, 1954. Records available: 1930-40, 1942-56, 1959. June 4, g4.86; Oct. 28, g5.70.

9-21-24aa. U. S. Geol. Survey. Drilled observation water-table well in gravel, diam 1 in, depth 11 ft. Lsd, 2,358.88 ft above msl. Highest water level 2.05, July 12, 1947; lowest water level 7.15, Dec. 28, 1955. Records available: 1931-43, 1945-55, 1957-59. Oct. 6, 5.52.

9-21-26ab. Joe Resch. Drilled irrigation water-table well in sand, diam 18 in, depth 32 ft. Lsd, 2,367.27 ft above msl. Highest water level 4.55, Mar. 29, 1947; lowest water level 8.56, June 1, 1956. Records available: 1947-51, 1956, 1959. June 3, g6.45; Oct. 28, g8.43.

9-21-29bc. U. S. Geol. Survey. Drilled observation water-table well in gravel, diam 1½ in, depth 10 ft. Lsd, 2,382.23 ft above msl. Highest water level 0.10, May 3, 1933; lowest water level 5.21, Sept. 30, 1940. Records available: 1930-57, 1959. Oct. 6, 3.86.

9-21-31da. U. S. Geol. Survey. Drilled observation water-table well in gravel, diam 1½ in, depth 24 ft. Lsd, 2,389.89 ft above msl. Highest water level 7.40, Nov. 9, 1948; lowest water level 22.90, July 24, 1940. Records available: 1930-57, 1959. Oct. 6, 11.58.

9-23-21bb. Oscar Weissert. Drilled unused water-table well in sand and gravel, diam 3 in, depth 253 ft. Lsd, 2,683.70 ft above msl. Highest water level 153.06, Dec. 9, 1959; lowest water level 170.74, May 11, 1949. Records available: 1949-59. Dec. 9, 153.06.

10-20-21cb. Harry Hill. Drilled irrigation water-table well in sand, diam 24 in, depth 55 ft. Lsd, 2,385.87 ft above msl. Highest water level 22.33, July 12, 1947; lowest water level 31.60, Oct. 28, 1959. Records available: 1946-53, 1959. June 4, g28.92; Oct. 28, g31.60.

### Dawson County--Continued

10-20-35bb. U. S. Geol. Survey. Drilled observation water-table well in sand, diam  $1\frac{1}{2}$  in, depth 26 ft. Lsd, 2,358.5 ft above msl. Highest water level 14.80, July 12, 1947; lowest water level dry at 24.85, Dec. 3, 1957. Records available: 1946-59. June 4, g21.85; Oct. 6, 24.38; Oct. 28, g24.19.

10-21-6da. U. S. Geol. Survey. Driven observation water-table well in gravel, diam  $1\frac{1}{2}$  in, depth 13 ft. Highest water level 6.43, Aug. 9, 1951; lowest water level 11.88, Sept. 21, 1934. Records available: 1930-36, 1940-55, 1959. Oct. 6, 10.66.

10-22-29aa. U. S. Geol. Survey. Drilled observation water-table well in gravel, diam 1 in, depth 12 ft. Lsd, 2,435.14 ft above msl. Highest water level 1.52, July 12, 1947; lowest water level 8.34, Dec. 28, 1955. Records available: 1931-43, 1945-55, 1957-59. Dec. 9, 6.76.

10-23-5bb. Vincent Ogorsolka. Drilled irrigation water-table well in sand, diam 18 in, depth 42 ft. Lsd, 2,493.6 ft above msl. Highest water level 4.29, Dec. 4, 1946; lowest water level 10.99, Dec. 28, 1955. Records available: 1945-55, 1957-59. Oct. 6, 9.23.

11-21-31dd. U. S. Geol. Survey. Drilled observation water-table well in gravel, diam 1 in, depth 57 ft. Lsd, 2,464.41 ft above msl. Highest water level 22.77, Sept. 8, 1947; lowest water level 33.28, July 24, 1940. Records available: 1930-36, 1940-55, 1957-59. Oct. 6, 27.62.

11-23-23cc. U. S. Geol. Survey. Drilled observation water-table well in sand, diam  $1\frac{1}{2}$  in, depth 13 ft. Lsd, 2,495.6 ft above msl. Highest water level 0.42, Oct. 8, 1946; lowest water level 7.43, Oct. 3, 1958. Records available: 1946-55, 1957-59. Oct. 6, 4.12.

12-25-34cc. John H. Block. Drilled irrigation water-table well in gravel and fine sand, diam 24 in, depth 65 ft. Lsd, 2,611.72 ft above msl. Highest water level 26.80, Aug. 8, 1951; lowest water level 33.02, Dec. 3, 1957. Records available: 1932, 1934-40, 1942, 1944-55, 1957, 1959. Oct. 6, 30.14.

### Deuel County

12-44-18bb. P. Nass. Drilled irrigation water-table well in sand, diam 18 in, depth 92 ft. Highest water level 10.60, June 20, 1950; lowest water level 12.13, Oct. 10, 1956. Records available: 1950, 1954-59. Oct. 12, 11.66.

Deuel County--Continued

13-45-23dc. Albert Williams. Drilled irrigation water-table well in sand, diam 18 in, depth 23 ft. Highest water level 11.84, Nov. 19, 1951; lowest water level 16.99, Oct. 12, 1959. Records available: 1950-52, 1954-59. Oct. 12, 16.99.

14-46-33dc2. Myron Carlson Ranches. Drilled unused water-table well in sand, diam 6 in, depth 31 ft. Highest water level 13.19, Sept. 30, 1958; lowest water level 16.66, Oct. 10, 1956. Records available: 1950-52, 1954-59. Oct. 12, 15.38.

Dodge County

A17-5-2bb. U. S. Geol. Survey. Driven observation water-table well in sand, diam 1½ in, depth 13 ft. Lsd, 1,280.94 ft above msl. Highest water level 2.12, May 3, 1951; lowest water level 5.98, Nov. 28, 1956. Records available: 1946-53, 1956, 1958-59. Dec. 1, 2.99.

A17-6-6aa. U. S. Geol. Survey. Driven observation water-table well in sand, diam 1 in, depth 13 ft. Lsd, 1,264.93 ft above msl. Highest water level 0.31, May 3, 1951; lowest water level 5.04, Nov. 28, 1956. Records available: 1936-42, 1944-59. Dec. 1, 2.26.

A17-6-8bc. Owner unknown. Drilled stock water-table well in sand, diam 6 in, depth 15 ft. Lsd, 1,268.35 ft above msl. Highest water level 1.78, Mar. 8, 1949; lowest water level 6.03, Sept. 3, 1947. Records available: 1946-53, 1956, 1958-59. Dec. 1, 4.02.

A17-8-4aa. City of Fremont. Drilled observation water-table well in gravel, diam 2 in, depth 34 ft. Lsd, 1,197.05 ft above msl. Highest water level 1.31, May 3, 1951; lowest water level 12.21, Feb. 3, 1940. Records available: 1940-53, 1956, 1958-59. Dec. 1, 5.49.

A17-8-4dd. City of Fremont. Drilled observation water-table well in gravel, diam 2 in, depth 31 ft. Lsd, 1,198.64 ft above msl. Highest water level 3.70, July 7, 1947; lowest water level 14.85, Nov. 27, 1956. Records available: 1940-53, 1956, 1958-59. Dec. 1, 8.68.

A17-8-28ad. City of Fremont. Drilled observation water-table well in gravel, diam 2 in, depth 19 ft. Lsd, 1,198.44 ft above msl. Highest water level +0.10, Mar. 9, 1950; lowest water level 6.29, Feb. 21, 1940. Records available: 1940-53, 1959. Dec. 1, 2.59.

A18-5-23bb. U. S. Geol. Survey. Driven observation water-table well in sand, diam 1½ in, depth 16 ft. Lsd, 1,295.38 ft above msl. Highest water level 5.38, Nov. 6, 1951; lowest water level 8.73, Oct. 11, 1946. Records available: 1946-53, 1958-59. Dec. 1, 6.31.

### Dodge County--Continued

A18-6-25cc. John R. Sic. Drilled irrigation water-table well in gravel, diam 18 in, depth 37 ft. Lsd, 1,250.21 ft above msl. Highest water level 3.98, May 3, 1951; lowest water level 16.82, July 26, 1955. Records available: 1947-59. Dec. 1, 8.23.

A18-7-36cb. U. S. Geol. Survey. Driven observation water-table well in sand, diam 1½ in, depth 13 ft. Lsd, 1,214.80 ft above msl. Highest water level 0.45, May 3, 1951; lowest water level 6.20, Nov. 11, 1953. Records available: 1947-53, 1958-59. Dec. 1, 2.76.

A18-8-28da. City of Fremont. Drilled observation water-table well in gravel, diam 2 in, depth 85 ft. Lsd, 1,262.76 ft above msl. Highest water level 60.86, Oct. 8, 1941; lowest water level 69.06, Dec. 1, 1959. Records available: 1940-59. Dec. 1, 69.06.

A18-8-28dd. City of Fremont. Drilled observation water-table well in gravel, diam 2 in, depth 53 ft. Lsd, 1,217.40 ft above msl. Highest water level 23.63, Oct. 8, 1941; lowest water level 31.92, Feb. 3, 1940. Records available: 1940-53, 1956, 1958-59. Dec. 1, 26.18.

A18-9-18db. U. S. Geol. Survey. Driven observation water-table well in sand and gravel, diam 1 in, depth 17 ft. Highest water level 3.93, Nov. 6, 1951; lowest water level 9.51, Oct. 8, 1941. Records available: 1936-44, 1946-48, 1950-59. Dec. 1, 7.18.

A19-7-10cb. State of Nebraska. Drilled public supply water-table well in gravel, diam 12 in, depth 60 ft. Highest water level +0.98, Nov. 6, 1951; lowest water level 4.90, Nov. 13, 1956. Records available: 1950-51, 1953-59. Dec. 1, 1.21.

A19-8-34ba. B. Havekost. Drilled irrigation water-table well, diam 18 in, depth 133 ft. Highest water level 64.59, Nov. 6, 1951; lowest water level 74.31, Mar. 13, 1957. Records available: 1950-59. Dec. 1, 73.04.

### Dundy County

1-37-31cd. U. S. Geol. Survey. Drilled observation water-table well in sand, diam 1½ in, depth 12 ft. Lsd, 3,006 ft above msl. Highest water level 3.21, Apr. 5, 1949; lowest water level 7.40, Sept. 12, 1955. Records available: 1946-59. Jan. 12, g5.84; June 30, g6.54; Nov. 24, g6.88; Dec. 22, g6.59.

1-38-21cb. U. S. Geol. Survey. Driven observation water-table well in sand and gravel, diam 1 in, depth 18 ft. Lsd, 3,039 ft above msl. Highest water level 2.77, Apr. 8, 1952; lowest water level 12.05, Sept. 12, 1955. Records available: 1937-43, 1947-59. Jan. 12, g7.02; June 30, g6.68; Nov. 24, g6.96; Dec. 22, g7.20.



# Dundy County--Continued

1-38-27cd. Wagnus Fries. Drilled irrigation water-table well in sand, diam 16 in, depth 63 ft. Highest water level 22.54, June 3, 1952; lowest water level 28.72, Sept. 12, 1955. Records available: 1951-59. Jan. 12, g24.51; June 30, g25.22; Nov. 24, g25.45; Dec. 22, g25.29.

\*1-40-29bb. U. S. Geol. Survey. Drilled observation water-table well in silt and clay, diam 8 in, depth 21 ft. Lsd, 3,207 ft above msl. Highest water level 10.12, Aug. 22-23, 1950; lowest water level 14.19, Sept. 15, 1955. Records available: 1946-59.

| Date    | Water level | Date    | Water level | Date     | Water level | Date    | Water level |
|---------|-------------|---------|-------------|----------|-------------|---------|-------------|
| Jan. 31 | 12.70       | Apr. 30 | 12.56       | July 31  | 13.04       | Oct. 31 | 13.53       |
| Feb. 28 | 12.65       | May 31  | 12.54       | Aug. 31  | 13.36       | Nov. 30 | 13.39       |
| Mar. 31 | 12.63       | June 30 | 12.91       | Sept. 30 | 13.68       | Dec. 31 | 13.31       |

1-41-27ca. U. S. Geol. Survey. Driven observation water-table well in sand, diam 1½ in, depth 13 ft. Lsd, 3,247 ft above msl. Highest water level 2.86, Feb. 8, 1949; lowest water level 6.25, July 25, 1955. Records available: 1946-59. Jan. 12, g4.27; June 30, g5.59; Oct. 14, 5.12; Nov. 24, g4.74; Dec. 22, g4.65.

1-42-13bb. U. S. Geol. Survey. Driven observation water-table well in sand, diam 1½ in, depth 13 ft. Lsd, 3,318 ft above msl. Highest water level 3.21, Apr. 5, 1949; lowest water level 6.09, Sept. 12, 1955. Records available: 1946-59. Jan. 12, g4.58; Oct. 13, 5.40; Nov. 24, g5.00; Dec. 22, g4.89.

2-36-31bc. U. S. Geol. Survey. Drilled observation water-table well in sand, diam 1½ in, depth 28 ft. Lsd, 2,916 ft above msl. Highest water level 18.83, June 3, 1952; lowest water level 22.98, Sept. 11, 1956. Records available: 1946-59. Jan. 12, g20.82; June 30, g20.96; Oct. 13, 21.76; Nov. 24, g21.75; Dec. 22, g21.71.

# Fillmore County

5-2-28dc. Jack Henricks. Drilled irrigation water-table well in sand and gravel, diam 18 in, depth 161 ft. Highest water level 62.34, Dec. 13, 1954; lowest water level 66.08, Sept. 28, 1959. Records available: 1954-59. Feb. 6, 65.11; July 6, 65.02; Sept. 28, 66.08; Nov. 12, 66.00.

\*Recording gage.

Fillmore County--Continued

\*5-4-12bc. U. S. Geol. Survey. Drilled observation water-table well in sand and gravel, diam 8 in, depth 100 ft. Highest water level 73.13, June 15, 1957; lowest water level 75.88, Nov. 16, 1959. Records available: 1956-59.

| Date    | Water level | Date    | Water level | Date     | Water level | Date    | Water level |
|---------|-------------|---------|-------------|----------|-------------|---------|-------------|
| Jan. 31 | 74.33       | Apr. 30 | 74.16       | July 31  | 74.69       | Nov. 30 | 75.71       |
| Feb. 28 | 74.23       | May 31  | 74.17       | Aug. 10  | 74.84       | Dec. 31 | 75.58       |
| Mar. 31 | 74.26       | June 30 | 74.14       | Sept. 28 | 75.79       |         |             |

5-4-33bb. Oscar E. Johnson. Drilled irrigation water-table well in sand and gravel, diam 18 in, depth 153 ft. Highest water level 81.36, Dec. 14, 1954; lowest water level 86.14, Sept. 28, 1959. Records available: 1954-59. Feb. 6, 84.66; July 6, 84.37; Sept. 28, 86.14; Nov. 12, 85.79.

6-3-25ad. Charles Kovanda. Drilled irrigation water-table well in sand and gravel, diam 36 in, depth 181 ft. Highest water level 78.80, Mar. 15, 1955; lowest water level 87.26, Sept. 28, 1959. Records available: 1954-59. Feb. 6, 83.34; July 6, 83.02; Sept. 28, 87.26; Nov. 12, 85.45.

7-1-15ad. W. H. Steyer. Drilled irrigation water-table well in sand and gravel, diam 18 in, depth 253 ft. Highest water level 84.26, Mar. 15, 1955; lowest water level 87.42, Sept. 28, 1959. Records available: 1954-59. Feb. 6, 85.06; July 6, 84.55; Sept. 28, 87.42; Nov. 12, 85.52.

7-4-17bd. George Statzman. Drilled irrigation water-table well in sand, diam 18 in, depth 186 ft. Highest water level 74.96, Mar. 15, 1955; lowest water level 84.63, Sept. 28, 1959. Records available: 1953-59. Feb. 6, 79.06; July 6, 79.64; Sept. 28, 84.63; Nov. 12, 81.50.

8-1-10ad. Otto F. Peterson. Drilled irrigation water-table well in sand and gravel, diam 18 in, depth 253 ft. Highest water level 83.03, Mar. 15, 1955; lowest water level 88.71, Apr. 13, 1956. Records available: 1954-59. Feb. 6, 84.48; July 6, 84.30. Sept. 28, 88.08; Nov. 12, 85.13.

\*8-2-26ad1. U. S. Geol. Survey. Drilled observation water-table well in loess, diam 8 in, depth 40 ft. Highest water level 18.61, July 13, 1959; lowest water level 24.16, July 10, 1958. Records available: 1956-59.

| Date    | Water level | Date    | Water level | Date     | Water level | Date    | Water level |
|---------|-------------|---------|-------------|----------|-------------|---------|-------------|
| Jan. 31 | 22.72       | Apr. 30 | 22.15       | July 31  | 20.11       | Oct. 31 | 21.25       |
| Feb. 28 | 22.57       | May 20  | 22.65       | Aug. 31  | 21.00       | Nov. 30 | 21.09       |
| Mar. 31 | 22.13       | June 30 | 20.89       | Sept. 30 | 21.42       | Dec. 31 | 21.24       |

### Fillmore County--Continued

8-2-31ca. George C. Meier. Drilled irrigation water-table well in sand and gravel, diam 18 in, depth 270 ft. Highest water level 96.10, May 8, 1957; lowest water level 102.39, Sept. 28, 1959. Records available: 1957-59. Feb. 6, 96.76; July 6, 97.10; Sept. 28, 102.39; Nov. 12, 98.76.

8-4-5ab. J. G. Kroeker. Drilled irrigation water-table well in sand and gravel, diam 18 in, depth 168 ft. Lsd, 1,699.50 ft above msl. Highest water level 85.82, Apr. 13, 1953; lowest water level 90.15, Sept. 16, 1958. Records available: 1953-59. Feb. 6, 88.58; July 6, 88.05; Sept. 28, 89.74; Nov. 12, 88.86.

### Franklin County

1-13-2bc. U. S. Geol. Survey. Driven observation water-table well in sand, diam  $1\frac{1}{4}$  in, depth 18 ft. Lsd, 1,759.78 ft above msl. Highest water level 5.94, June 22, 1949; lowest water level 9.56, Oct. 8, 1948. Records available: 1946-59. Apr. 7, g8.30; May 12, g7.25; July 20, g8.50; Sept. 29, g8.50; Oct. 15, 8.48; Nov. 20, g8.50.

1-16-14ab. C. Howell. Drilled irrigation water-table well in sand, diam 24 in, depth 80 ft. Lsd, 1,886.95 ft above msl. Highest water level 37.40, Oct. 26, 1946; lowest water level 43.11, Aug. 26, 1955. Records available: 1946-56, 1958-59. Apr. 8, g38.10; May 14, g37.50; Sept. 30, g39.0; Oct. 15, 40.92.

2-14-33dd. U. S. Geol. Survey. Driven observation water-table well in sand, diam  $1\frac{1}{4}$  in, depth 14 ft. Highest water level 2.00, May 19, 1949; lowest water level 10.02, Sept. 22, 1953. Records available: 1949-59. Apr. 7, g3.50; May 12, g2.45; July 20, g2.50; Sept. 29, g3.70; Nov. 20, g4.80.

### Frontier County

7-27-34cb. Orville Worley. Drilled unused water-table well, diam 4 in. Highest water level 51.32, Aug. 23, 1934; lowest water level 59.26, Oct. 12, 1959. Records available: 1934-42, 1957-59. Oct. 12, 59.26.

## Furnas County

3-21-12dc. U. S. Geol. Survey. Driven observation water-table well in sand, diam  $1\frac{1}{4}$  in, depth 13 ft. Lsd, 2,053 ft above msl. Highest water level 3.23, Apr. 24, 1952; lowest water level 8.58, Nov. 3, 1955. Records available: 1946-59. Mar. 25, g4.95.

3-22-2ba. U. S. Geol. Survey. Drilled observation water-table well in silt and fine sand, diam  $1\frac{1}{4}$  in, depth 14 ft. Lsd, 2,116 ft above msl. Highest water level 4.78, July 28, 1947; lowest water level 10.42, Dec. 28, 1956. Records available: 1946-59. Apr. 9, g8.80; Sept. 16, g7.70; Oct. 27, g7.90.

3-25-4bb. U. S. Geol. Survey. Drilled observation water-table well in silt and sand, diam 8 in, depth 22 ft. Lsd, 2,258 ft above msl. Highest water level 3.62, June 20-22, 1949; lowest water level 7.37, Oct. 3, 1946. Records available: 1946-50, 1959. Oct. 14, 5.65.

4-22-20cd. U. S. Geol. Survey. Jetted observation water-table well in sand, diam  $\frac{3}{4}$  in, depth 27 ft. Lsd, 2,142.88 ft above msl. Highest water level 10.45, Sept. 26, 1958; lowest water level 17.98, May 15, 1951. Records available: 1950-59. Jan. 13, g13.25; Feb. 6, g13.40; Mar. 2, g13.30; Mar. 24, g13.10; Apr. 23, g13.05; Sept. 14, g11.75; Oct. 22, g12.50.

4-22-29ad. U. S. Geol. Survey. Drilled observation water-table well in sand, diam  $1\frac{1}{4}$  in, depth 23 ft. Lsd, 2,134 ft above msl. Highest water level 5.60, Aug. 26, 1958; lowest water level 17.60, Aug. 13, 1946. Records available: 1946-59. Jan. 14, g11.10; Mar. 25, g12.00; Sept. 15, g8.90; Oct. 15, 9.77; Oct. 22, g10.00.

4-23-23bd. O. V. Moore. Drilled stock water-table well in sand, diam 6 in, depth 43 ft. Highest water level 27.10, Aug. 26, 1958; lowest water level 30.89, Sept. 13, 1943. Records available: 1936-44, 1946-59. Jan. 13, g28.10; Mar. 24, g27.85; Sept. 14, g28.30; Oct. 15, 28.54; Oct. 22, g28.50.

4-23-30cc. Brening brothers. Drilled irrigation water-table well in sand, diam 24 in, depth 93 ft. Highest water level 51.84, June 5, 1947; lowest water level 59.25, Sept. 16, 1959. Records available: 1946-59. Sept. 16, g59.25; Oct. 15, 56.73; Oct. 27, g56.50.

4-24-15cc. U. S. Geol. Survey. Driven observation water-table well in sand, diam  $1\frac{1}{4}$  in, depth 23 ft. Highest water level 6.70, June 26, 1958; lowest water level 14.20, Aug. 14, 1946. Records available: 1946-59. Jan. 13, g11.30; Mar. 24, g11.50; Sept. 14, g7.20; Oct. 15, 8.60; Oct. 21, g8.90.

### Garden County

17-44-22cc. Dr. G. H. Morris. Drilled unused water-table well in sand and gravel, diam  $1\frac{1}{2}$  in, depth 34 ft. Highest water level 20.83, Oct. 25, 1935; lowest water level 28.86, Oct. 7, 1959. Records available: 1935-42, 1944-46, 1948-56, 1958-59. Oct. 7, 28.86.

18-46-27cc. U. S. Geol. Survey. Driven observation water-table well in sand and gravel, diam 1 in, depth 17 ft. Highest water level 1.94, Sept. 7, 1951; lowest water level 5.95, July 26, 1940. Records available: 1934-42, 1944, 1946, 1948-56, 1958-59. Oct. 7, 3.86.

20-44-5db. Crescent Lake Migratory Bird Refuge. Drilled observation water-table well in fine sand, diam  $1\frac{1}{2}$  in, depth 20 ft. Lsd, 3,798.19 ft above msl. Highest water level 4.30, Oct. 21, 1934; lowest water level 8.70, Apr. 11, 1941. Records available: 1934-59. Jan. 20, g6.70; Mar. 31, g6.50; July 9, g5.40; Oct. 14, g7.10.

21-44-35ca. Crescent Lake Migratory Bird Refuge. Drilled observation water-table well in fine sand, diam  $1\frac{1}{2}$  in, depth 8 ft. Lsd, 3,802.99 ft above msl. Highest water level 0.43, Feb. 12, 1934; lowest water level 5.74, Mar. 17, 1938. Records available: 1933-59.

| Date    | Water level | Date    | Water level | Date    | Water level | Date    | Water level |
|---------|-------------|---------|-------------|---------|-------------|---------|-------------|
| Jan. 19 | g3.2        | Apr. 15 | g2.6        | May 14  | g2.6        | Aug. 10 | g4.3        |
| Mar. 31 | g1.8        | 24      | g2.6        | June 11 | g3.4        | Oct. 14 | g4.1        |
| Apr. 8  | g2.5        | May 6   | g2.2        | July 30 | g4.4        | Nov. 24 | g3.7        |

21-45-3bd2. Crescent Lake Migratory Bird Refuge. Drilled observation water-table well in fine sand, diam  $1\frac{1}{2}$  in, depth 10 ft. Lsd, 3,850.97 ft above msl. Highest water level 1.70, Mar. 7-22, 1952; lowest water level 7.82, Nov. 30, 1938. Records available: 1934-59.

| Date    | Water level | Date    | Water level | Date    | Water level | Date    | Water level |
|---------|-------------|---------|-------------|---------|-------------|---------|-------------|
| Jan. 19 | g4.0        | May 5   | g3.3        | July 29 | g4.2        | Oct. 9  | g4.4        |
| Mar. 31 | g3.2        | June 11 | g3.7        | Aug. 6  | g4.2        | Nov. 25 | g4.3        |
| Apr. 8  | g3.3        |         |             |         |             |         |             |

### Garfield County

21-15-19aa. Jim Bleach. Drilled irrigation water-table well in sand. Highest water level 13.86, Sept. 24, 1951; lowest water level 19.63, Aug. 29, 1957. Records available: 1951, 1957-59. Oct. 28, 15.05.

21-15-20dd. Charles Meyers. Irrigation water-table well. Highest water level 24.65, Aug. 29, 1957; lowest water level 25.26, Oct. 25, 1950. Records available: 1950-51, 1957-59. Oct. 28, 25.11.

Garfield County--Continued

21-16-11dd. Mary Lee Kenselmeyer. Drilled irrigation water-table well in gravel, diam 18 in, depth 55 ft. Highest water level 22.61, Sept. 24, 1951; lowest water level 24.27, July 14, 1953. Records available: 1951-53, 1958-59. Oct. 28, 24.04.

21-16-12cc. Mary Lee Kenselmeyer. Drilled irrigation water-table well, diam 18 in, depth 80 ft. Highest water level 35.56, Oct. 28, 1959; lowest water level 36.75, Oct. 24, 1950. Records available: 1950, 1958-59. Oct. 28, 35.56.

21-16-13ad. Emma Janicek. Drilled irrigation water-table well in sand, diam 18 in. Highest water level 47.60, June 17, 1958; lowest water level 50.14, Aug. 29, 1957. Records available: 1951, 1957-59. Oct. 28, 47.94.

21-16-14cb. Frank Smolik. Drilled irrigation water-table well in gravel, diam 18 in, depth 154 ft. Highest water level 23.54, Oct. 15, 1958; lowest water level 24.92, Oct. 28, 1959. Records available: 1950-59. Oct. 28, 24.92.

21-16-15da. Lawrence Fransen. Drilled irrigation water-table well in sand and gravel, diam 18 in, depth 64 ft. Highest water level 9.03, Oct. 5, 1950; lowest water level 10.65, Oct. 28, 1959. Records available: 1950-51, 1958-59. Oct. 28, 10.65.

21-16-16aa. Earl Meyers. Irrigation water-table well, diam 18 in, depth 50 ft. Highest water level 6.20, May 6, 1958; lowest water level 9.10, Oct. 15, 1958. Records available: 1951, 1958-59. Oct. 28, 8.77.

21-16-21dc. Elzie Donner. Drilled irrigation water-table well in gravel, diam 18 in, depth 71 ft. Highest water level 5.19, Oct. 25, 1950; lowest water level 6.15, Aug. 29, 1957. Records available: 1950-53, 1957-59. Oct. 28, 5.30.

24-15-20aa. U. S. Geol. Survey. Driven observation water-table well in fine sand, diam 1 in, depth 17 ft. Highest water level 1.80, May 29, 1936; lowest water level 5.70, July 17, 1940. Records available: 1935-36, 1938-42, 1952-56, 1958-59. July 9, 1.94.

Gosper County

7-21-6bc. Andy Larson Estate. Drilled unused water-table well, diam 4 in, depth 132 ft. Lsd, 2,466.95 ft above msl. Highest water level 80.95, Oct. 12, 1959; lowest water level 117.80, Sept. 26, 1935. Records available: 1934-40, 1948-59. Oct. 12, 80.95.

### Gosper County--Continued

7-21-15bb. Sophia Swartz. Drilled unused water-table well in sand, diam 3 in, depth 221 ft. Highest water level 176.06, Oct. 12, 1959; lowest water level 199.49, Mar. 20, 1950. Records available: 1950-59. Oct. 12, 176.06.

### Grant County

23-38-4cb. U. S. Geol. Survey. Jetted observation water-table well in fine sand, diam 3/4 in, depth 11 ft. Highest water level +0.25, Sept. 4, 1958; lowest water level 1.85, Oct. 2, 1958. Records available: 1958-59. Oct. 9, 1.62.

24-36-30bb. U. S. Geol. Survey. Drilled observation water-table well in fine sand, diam 1 in, depth 15 ft. Highest water level 3.59, June 8, 1935; lowest water level 6.62, July 22, 1940. Records available: 1934-42, 1946-55, 1957-59. Oct. 9, 4.85.

24-40-36bb. U. S. Geol. Survey. Drilled observation water-table well in fine sand, diam 1 in, depth 21 ft. Highest water level 12.32, June 8, 1935; lowest water level 14.26, Oct. 19, 1948. Records available: 1934-42, 1944-59. Oct. 9, 12.84.

### Greeley County

17-11-31ba. Phil Yuma. Drilled irrigation water-table well in sand, diam 18 in, depth 100 ft. Highest water level 33.26, Apr. 17, 1952; lowest water level 39.97, Sept. 5, 1957. Records available: 1948-52, 1956-59. Oct. 27, 37.40.

17-12-6dc. Wilber Fuss. Drilled irrigation water-table well in gravel, diam 18 in, depth 92 ft. Highest water level 11.98, Nov. 22, 1957; lowest water level 13.76, Feb. 27, 1950. Records available: 1948-55, 1957-59. Oct. 27, 13.30.

17-12-9bb1. E. E. Williams. Drilled irrigation water-table well in sand, diam 18 in, depth 33 ft. Highest water level 16.45, July 13, 1950; lowest water level 22.22, Nov. 29, 1949. Records available: 1949-55, 1957-59. Oct. 27, 19.79.

Greeley County--Continued

17-12-24bb. U. S. Bureau of Reclamation. Drilled observation water-table well, diam  $1\frac{1}{2}$  in, depth 81 ft. Lsd, 1,941.93 ft above msl. Highest water level 44.46, June 10, 1959; lowest water level 46.34, Sept. 16, 1959. Records available: 1958-59. June 10, 44.46; July 10, 44.62; Aug. 6, 45.52; Sept. 16, 46.34; Oct. 27, 46.09; Nov. 23, 45.91; Dec. 14, 45.83.

17-12-25bb. U. S. Bureau of Reclamation. Drilled observation water-table well, diam  $1\frac{1}{2}$  in, depth 91 ft. Lsd, 1,911.25 ft above msl. Highest water level 22.36, June 10, 1959; lowest water level 26.76, Aug. 6, 1959. Records available: 1958-59. June 10, 22.36; July 10, 23.46; Aug. 6, 26.76; Sept. 16, 26.58; Oct. 27, 25.21; Nov. 23, 24.74; Dec. 14, 24.49.

17-12-26aa. Laverne Jess. Drilled irrigation water-table well in gravel, diam 18 in, depth 130 ft. Lsd, 1,901.5 ft above msl. Highest water level 21.99, Jan. 5, 1951; lowest water level 27.28, Oct. 27, 1959. Records available: 1948-51, 1956, 1958-59. Oct. 27, 27.28.

17-12-35aa. U. S. Bureau of Reclamation. Drilled observation water-table well, diam  $1\frac{1}{2}$  in, depth 61 ft. Lsd, 1,896.36 ft above msl. Highest water level 12.26, Aug. 21, 1958; lowest water level 15.80, June 25, 1958. Records available: 1958-59. June 10, 15.75; July 10, 15.47; Aug. 6, 15.70; Sept. 16, 14.80; Oct. 27, 15.37; Nov. 23, 15.59; Dec. 14, 15.78.

19-9-12db. Owner unknown. Drilled observation water-table well in sand. Highest water level 36.80, July 24, 1950; lowest water level 40.08, Sept. 13, 1959. Records available: 1948-51, 1958-59. June 10, 37.46; Sept. 13, 40.08.

20-9-20cc. U. S. Geol. Survey. Driven observation water-table well in sand, diam 1 in, depth 16 ft. Highest water level 1.30, Nov. 20, 1935; lowest water level 3.35, Aug. 3, 1949. Records available: 1935-42, 1948-52, 1958-59. June 10, 2.12; Sept. 20, 3.09.

20-9-20dbl. U. S. Geol. Survey. Drilled observation water-table well in loess, diam 3 in, depth 19 ft. Highest water level 6.85, July 24, 1950; lowest water level 11.54, Sept. 2, 1959. Records available: 1937-41, 1948-53, 1955-56, 1958-59. July 2, 8.57; Sept. 2, 11.54.

20-9-30ca. Alvin Gilray. Drilled irrigation water-table well in sand, diam 18 in, depth 168 ft. Highest water level 66.79, May 8, 1951; lowest water level 68.49, Sept. 28, 1948. Records available: 1948-52, 1958-59. July 1, 67.26.

20-9-34aa. E. Haggerty. Drilled irrigation water-table well in sand and gravel, diam 24 in, depth 158 ft. Highest water level 31.66, July 24, 1950; lowest water level 33.50, Nov. 1, 1949. Records available: 1948-51, 1958-59. June 10, 32.23.



## Hall County

9-11-8bc. Roscoe Abbot. Drilled irrigation water-table well in sand and gravel, diam 18 in, depth 81 ft. Lsd, 1,957.20 ft above msl. Highest water level 4.05, Apr. 11, 1949; lowest water level 9.56, Oct. 18, 1956. Records available: 1945-59. Feb. 25, g6.70; June 1, g5.42; Oct. 15, g6.84.

9-11-21bb. U. S. Geol. Survey. Driven observation water-table well in sand, diam 1½ in, depth 15 ft. Lsd, 1,957.8 ft above msl. Highest water level 4.30, May 6, 1958; lowest water level 10.82, Oct. 18, 1956. Records available: 1946-59. Feb. 25, g7.85; June 1, g7.27; Oct. 15, g7.67.

9-12-1dc. John Kipp. Drilled irrigation water-table well in sand and gravel, diam 24 in, depth 46 ft. Lsd, 1,964.3 ft above msl. Highest water level 2.47, May 6, 1931; lowest water level 9.92, Oct. 18, 1956. Records available: 1930-53, 1955-59. June 1, g5.60; Oct. 15, g8.15.

9-12-9ba. E. F. Ohlman. Drilled irrigation water-table well in sand and gravel, diam 24 in, depth 63 ft. Lsd, 2,002.28 ft above msl. Highest water level 18.50, July 5, 1949; lowest water level 27.95, Sept. 21, 1955. Records available: 1930-59. June 1, g24.40; Oct. 15, g26.60.

9-12-14cc. Adolph Schmidt. Drilled irrigation water-table well in sand, diam 18 in, depth 60 ft. Lsd, 1,982.20 ft above msl. Highest water level 4.15, Apr. 12, 1949; lowest water level 9.18, Oct. 18, 1956. Records available: 1947-53, 1955-59. June 1, g5.90; Oct. 15, g7.96.

9-12-20bc. Burmood. Drilled irrigation water-table well in sand, diam 18 in, depth 27 ft. Lsd, 2,001.21 ft above msl. Highest water level 2.00, Apr. 12, 1949; lowest water level 8.20, Oct. 18, 1956. Records available: 1947-53, 1955-59. June 1, g4.20; Oct. 15, g7.14.

10-9-3cb. City of Grand Island. Drilled observation water-table well in sand, diam 1½ in, depth 10 ft. Lsd, 1,857.01 ft above msl. Highest water level 1.95, May 29, 1938; lowest water level 8.60, Oct. 17, 1956. Records available: 1935-59. May 27, g3.30; Oct. 14, g5.88.

10-9-4cb. City of Grand Island. Driven observation water-table well in sand, diam 1½ in, depth 10 ft. Lsd, 1,863.18 ft above msl. Highest water level 2.46, July 7, 1944; lowest water level 8.84, Oct. 17, 1956. Records available: 1935-59. May 27, g3.40; Oct. 14, g5.97.

10-9-5bb. City of Grand Island. Driven observation water-table well in sand, diam 1½ in, depth 10 ft. Lsd, 1,866.68 ft above msl. Highest water level 1.90, May 29, 1938; lowest water level 8.58, Oct. 17, 1956. Records available: 1935-39, 1942-59. May 26, g2.75; Oct. 14, g4.95.

10-9-8cc. City of Grand Island. Driven observation water-table well in sand, diam 1½ in, depth 11 ft. Lsd, 1,873.47 ft above msl. Highest water level 1.90, May 29, 1938; lowest water level 7.02, Oct. 17, 1956. Records available: 1935-47, 1951, 1955-59. May 26, g2.10; Oct. 14, g5.02.

Hall County--Continued

10-10-3cc. Owner unknown. Drilled irrigation water-table well in sand, diam 18 in, depth 39 ft. Lsd, 1,893.88 ft above msl. Highest water level 8.47, Apr. 12, 1949; lowest water level 13.56, Oct. 18, 1956. Records available: 1947-53, 1955-59. June 1, g9.20; Oct. 14, g11.65.

10-10-8cc. Frank Dahlstrom. Drilled irrigation water-table well in sand and gravel, diam 25 in, depth 90 ft. Lsd, 1,920.41 ft above msl. Highest water level 19.42, June 6, 1932; lowest water level 26.87, Oct. 18, 1956. Records available: 1931-53, 1955-59. June 1, g21.36; Oct. 14, g24.19.

10-10-11aa. U. S. Geol. Survey. Drilled observation water-table well, diam 1½ in, depth 13 ft. Lsd, 1,876.91 ft above msl. Highest water level 2.08, May 26, 1959; lowest water level 7.05, Oct. 17, 1956. Records available: 1954-59. Feb. 25, g4.68; May 26, g2.08; Oct. 14, g5.15.

10-10-13dd. U. S. Geol. Survey. Driven observation water-table well in sand, diam 1½ in, depth 12 ft. Lsd, 1,877.9 ft above msl. Highest water level 2.51, Jan. 14, 1952; lowest water level 7.27, Oct. 17, 1956. Records available: 1946-59. Feb. 25, g3.49; May 26, g3.88; Oct. 14, g4.13.

10-10-20cd. Owner unknown. Drilled irrigation water-table well in sand, diam 18 in. Lsd, 1,912.47 ft above msl. Highest water level 5.32, Apr. 29, 1949; lowest water level 11.64, Oct. 18, 1956. Records available: 1947-53, 1955-59. June 1, g6.30; Oct. 14, g9.70.

10-10-30bc. Demon. Drilled irrigation water-table well in sand, diam 48 in, depth 40 ft. Lsd, 1,919.88 ft above msl. Highest water level 3.62, Apr. 29, 1949; lowest water level 9.38, Oct. 18, 1956. Records available: 1947-50, 1952-53, 1955-59. June 1, g5.20; Oct. 14, g8.00.

10-11-8cc. Owner unknown. Drilled irrigation water-table well in sand, diam 24 in. Lsd, 1,956.91 ft above msl. Highest water level 20.85, Feb. 28, 1950; lowest water level 30.56, Sept. 26, 1957. Records available: 1947-50, 1952-53, 1955-59. June 1, g27.18; Oct. 15, g28.88.

10-11-11bb. Owner unknown. Drilled irrigation water-table well in sand, diam 18 in, depth 65 ft. Lsd, 1,942 ft above msl. Highest water level 23.84, May 3, 1951; lowest water level 34.30, Oct. 18, 1956. Records available: 1947-53, 1955-59. June 1, g28.60; Oct. 15, g30.92.

10-11-30bc. J. M. Weldon. Drilled irrigation water-table well in sand and gravel, diam 24 in, depth 65 ft. Lsd, 1,969.1 ft above msl. Highest water level 15.67, June 23-30, 1931; lowest water level 28.12, Oct. 18, 1956. Records available: 1930-59. Feb. 25, g25.05; June 1, g24.65; Oct. 15, g25.69.

Hall County--Continued

10-12-4cc. E. F. Frazell. Drilled irrigation water-table well in sand, depth 58 ft. Lsd, 1,988.6 ft above msl. Highest water level 27.23, May 4, 1951 and Mar. 20, 1952; lowest water level 36.15, Oct. 14, 1959. Records available: 1947-53, 1955-59. June 1, g33.94; Oct. 14, g36.15.

10-12-8cc. Owner unknown. Highest water level 29.17, June 27, 1955; lowest water level 34.46, Oct. 14, 1959. Records available: 1955-59. June 1, g32.46; Oct. 14, g34.46.

10-12-18cc. Owner unknown. Drilled irrigation water-table well in sand, diam 18 in. Lsd, 2,006.26 ft above msl. Highest water level 23.48, Sept. 29, 1952; lowest water level 33.71, Sept. 25, 1957. Records available: 1947-53, 1955-59. June 1, g31.39; Oct. 14, g33.49.

10-12-21cc. O. W. Knight. Drilled irrigation water-table well in sand, depth 60 ft. Lsd, 1,998.47 ft above msl. Highest water level 26.76, July 25, 1951; lowest water level 37.84, Sept. 25, 1957. Records available: 1947-53, 1955-59. June 1, g35.82; Oct. 27, g36.60.

10-12-27cc. Owner unknown. Drilled irrigation water-table well in sand, diam 18 in. Lsd, 1,987.68 ft above msl. Highest water level 17.53, May 4, 1951; lowest water level 27.44, Sept. 25, 1957. Records available: 1947-53, 1955-59. June 1, g24.81; Oct. 15, g25.89.

11-9-9aal. City of Grand Island. Driven observation water-table well in sand, diam 1½ in, depth 29 ft. Lsd, 1,856.56 ft above msl. Highest water level 17.25, Oct. 1, 1945; lowest water level 27.30, Sept. 2, 1955. Records available: 1935-59. May 26, g20.12; Oct. 13, g21.78.

11-9-12dc. City of Grand Island. Driven observation water-table well in sand, diam 1½ in, depth 11 ft. Lsd, 1,828.48 ft above msl. Highest water level 4.52, Apr. 19, 1949; lowest water level 8.93, Sept. 8, 1955. Records available: 1935-51, 1953-59. May 27, g6.15; Oct. 13, g7.77.

11-9-26aa. City of Grand Island. Driven observation water-table well in sand, diam 1½ in, depth 10 ft. Lsd, 1,836.91 ft above msl. Highest water level 2.56, July 7, 1944; lowest water level dry, Oct. 18, 1956. Records available: 1935-59. May 27, g5.96; Oct. 14, g7.47.

11-9-27bc. City of Grand Island. Drilled observation water-table well in sand, diam 1½ in, depth 15 ft. Highest water level 6.00, July 10, 1947; lowest water level dry at 14.87, Sept. 22, 1955 to June 3, 1957. Records available: 1942-59. May 27, g9.80; Oct. 14, g11.67.

11-9-28ba. City of Grand Island. Driven observation water-table well in sand, diam 1½ in. Lsd, 1,852.66 ft above msl. Highest water level 6.15, Mar. 31 and May 2, 1936; lowest water level dry, Oct. 17, 1956. Records available: 1935-52, 1955-59. May 26, g16.70; Oct. 14, g15.39.

Hall County--Continued

11-9-29bb. City of Grand Island. Driven observation water-table well in sand, diam  $1\frac{1}{4}$  in. Lsd, 1,875.22 ft above msl. Highest water level 18.35, Dec. 29, 1950; lowest water level 27.00, Oct. 29, 1958. Records available: 1935-59. May 26, g26.55; Oct. 14, g25.92.

11-9-34aa. City of Grand Island. Driven observation water-table well in sand, diam  $1\frac{1}{4}$  in, depth 10 ft. Lsd, 1,845.89 ft above msl. Highest water level 2.54, July 7, 1944; lowest water level dry, Oct. 17, 1956. Records available: 1935-59. May 27, g6.03; Oct. 14, g7.37.

11-9-34cb. City of Grand Island. Driven observation water-table well in sand, diam  $1\frac{1}{4}$  in, depth 10 ft. Lsd, 1,853.17 ft above msl. Highest water level 2.50, July 10, 1944; lowest water level dry, Oct. 17, 1956 and May 29, 1957. Records available: 1935-59. May 27, g5.10; Oct. 14, g6.30.

11-9-35dc. City of Grand Island. Driven observation water-table well in sand, diam  $1\frac{1}{4}$  in, depth 11 ft. Lsd, 1,846.24 ft above msl. Highest water level 2.08, July 14, 1947 and Apr. 4, 1949; lowest water level 7.02, Oct. 17, 1956. Records available: 1935-59. May 27, g2.72; Oct. 14, g4.25.

11-10-11dc. City of Grand Island. Driven observation water-table well in sand, diam  $1\frac{1}{4}$  in. Lsd, 1,875.16 ft above msl. Highest water level 5.00, July 14, 1947; lowest water level dry, Oct. 17, 1956 to May 31, 1957. Records available: 1935-59. May 26, g10.65; Oct. 14, g11.67.

11-10-13ab. City of Grand Island. Driven observation water-table well in sand, diam  $1\frac{1}{4}$  in. Lsd, 1,872.45 ft above msl. Highest water level 8.00, July 14, 1947; lowest water level dry, Oct. 17, 1956 to May 31, 1957. Records available: 1935-59. May 26, g13.93; Oct. 14, g14.87.

11-10-16bb. U. S. Geol. Survey. Driven observation water-table well in sand, diam  $1\frac{1}{4}$  in, depth 19 ft. Lsd, 1,892.50 ft above msl. Highest water level 7.85, May 19, 1952; lowest water level 14.72, Mar. 27, 1957. Records available: 1946-59. Feb. 25, g13.30; May 26, g12.35; Oct. 14, g12.74.

11-10-24cb. City of Grand Island. Driven observation water-table well in sand, diam  $1\frac{1}{4}$  in. Lsd, 1,880.70 ft above msl. Highest water level 12.66, July 14, 1947; lowest water level dry at 25.50, Oct. 17, 1956 to Sept. 26, 1957. Records available: 1935-59. May 26, g18.15; Oct. 14, g18.86.

11-10-26dd. City of Grand Island. Driven observation water-table well in sand, diam  $1\frac{1}{4}$  in, depth 20 ft. Lsd, 1,875.22 ft above msl. Highest water level 5.66, July 14, 1947; lowest water level 17.70, Dec. 28, 1935. Records available: 1935-39, 1942-59. May 26, g8.30; Oct. 14, g9.57.

# Hall County--Continued

11-10-27dc. U. S. Geol. Survey. Driven observation water-table well in sand, diam 1½ in, depth 23 ft. Lsd, 1,895.22 ft above msl. Highest water level 15.15, Sept. 6, 1949; lowest water level dry at 21.70, Oct. 14, 1955 to Sept. 26, 1957. Records available: 1946-59. Feb. 25, g18.56; May 26, g18.85; Oct. 14, g19.48.

11-11-9cb. Owner unknown. Drilled irrigation water-table well in sand, diam 18 in, depth 53 ft. Lsd, 1,933.8 ft above msl. Highest water level 17.70, May 1, 1951; lowest water level 29.10, Oct. 17, 1956. Records available: 1948-52, 1955-59. May 26, g26.90; Oct. 20, g28.58.

\*11-11-25cc. U. S. Geol. Survey. Drilled observation water-table well in sand, diam 8 in, depth 37 ft. Lsd, 1,922.4 ft above msl. Highest water level 12.18, June 25, 1949; lowest water level 23.99, Aug. 15, 1957. Records available: 1946-59.

| Date    | Water level | Date    | Water level | Date     | Water level | Date    | Water level |
|---------|-------------|---------|-------------|----------|-------------|---------|-------------|
| Jan. 20 | 20.37       | Apr. 30 | 20.10       | July 31  | 21.26       | Oct. 31 | 21.11       |
| Feb. 28 | 20.27       | May 31  | 19.89       | Aug. 31  | 21.32       | Nov. 30 | 21.10       |
| Mar. 31 | 20.21       | June 30 | 19.62       | Sept. 30 | 21.17       | Dec. 31 | 21.07       |

11-11-32cb. Frank Hughes. Drilled irrigation water-table well in sand and gravel, diam 24 in, depth 65 ft. Lsd, 1,960 ft above msl. Highest water level 29.04, May 20, 1931; lowest water level 43.13, Sept. 26, 1957. Records available: 1930-41, 1943-59. May 26, g40.60; Oct. 14, g42.92.

11-11-34cc. Leonard Graf. Drilled irrigation water-table well in sand, diam 18 in. Highest water level 20.65, May 3, 1951; lowest water level 30.60, Oct. 17, 1956 and Sept. 26, 1957. Records available: 1947-53, 1955-59. May 26, g26.88; Oct. 14, g29.60.

11-11-36cb. C. B. Modesitt. Drilled irrigation water-table well in sand and gravel, diam 8 ft, depth 71 ft. Lsd, 1,929 ft above msl. Highest water level 19.90, July 5, 1949; lowest water level 30.30, Oct. 17, 1956. Records available: 1930-40, 1943-59. May 26, g23.20; Oct. 14, g25.34.

11-12-12cd. Owner unknown. Drilled irrigation water-table well in sand, diam 24 in. Lsd, 1,946.42 ft above msl. Highest water level 22.96, Apr. 30, 1952; lowest water level 31.55, Oct. 20, 1959. Records available: 1947-50, 1952-53, 1955-59. May 26, g29.40; Oct. 20, g31.55.

11-12-24cc. Owner unknown. Drilled irrigation water-table well in sand, diam 18 in, depth 57 ft. Lsd, 1,953.5 ft above msl. Highest water level 23.21, May 4, 1951; lowest water level 32.50, Oct. 20, 1959. Records available: 1947-53, 1955-59. May 26, g28.89; Oct. 20, g32.50.

Recording gage.

Hall County--Continued

11-12-32ddd. Owner unknown. Drilled irrigation water-table well in sand. Lsd, 1,984.6 ft above msl. Highest water level 24.65, May 4, 1951; lowest water level 32.23, Oct. 18, 1956. Records available: 1947-53, 1955-59. June 1, g29.96; Oct. 14, g32.13.

11-12-34dc. Stutzman. Drilled irrigation water-table well, diam 24 in, depth 58 ft. Lsd, 1,973 ft above msl. Highest water level 24.92, Mar. 20, 1952; lowest water level 33.87, Oct. 14, 1959. Records available: 1946-59. Feb. 28, g31.95; June 1, g31.82; Oct. 14, g33.87.

12-9-25cd. Owner unknown. Drilled irrigation water-table well in sand, diam 24 in. Highest water level 14.68, May 3, 1951; lowest water level 25.76, Oct. 13, 1959. Records available: 1947-52, 1955-59. May 27, g16.25; Oct. 13, g25.76.

12-9-27cb. City of Grand Island. Driven observation water-table well in sand, diam  $1\frac{1}{4}$  in, depth 17 ft. Lsd, 1,844.24 ft above msl. Highest water level 2.58, Apr. 30, 1952; lowest water level 11.50, Oct. 17, 1956. Records available: 1935-59. May 26, g4.37; Oct. 20, g7.17.

12-9-32aal. City of Grand Island. Driven observation water-table well in sand, diam  $1\frac{1}{4}$  in, depth 17 ft. Lsd, 1,858.10 ft above msl. Highest water level 7.58, July 14, 1947; lowest water level dry at 16.20, Sept. 26, 1957. Records available: 1935-57, 1959. May 26, g10.57; Oct. 20, g11.02.

12-9-32cc. City of Grand Island. Driven observation water-table well in sand, diam  $1\frac{1}{4}$  in, depth 12 ft. Lsd, 1,863.97 ft above msl. Highest water level 7.08, July 14, 1947; lowest water level 12.80, Dec. 24, 1940. Records available: 1935-55, 1958-59. May 26, g11.30; Oct. 20, g11.88.

12-9-34cb. City of Grand Island. Driven observation water-table well in sand, diam  $1\frac{1}{4}$  in, depth 15 ft. Highest water level 6.16, July 14, 1947; lowest water level 15.37, May 5, 1958. Records available: 1935-37, 1942, 1944-51, 1955-59. May 26, g8.55.

12-10-33cb. Owner unknown. Drilled irrigation water-table well in sand, depth 55 ft. Lsd, 1,887.9 ft above msl. Highest water level 9.53, May 2, 1951; lowest water level 18.20, Oct. 17, 1956. Records available: 1947-53, 1955-59. Feb. 25, g14.99; May 26, g13.44; Oct. 20, g15.39.

12-10-35abb. Mrs. Royden. Drilled irrigation water-table well in sand, diam 18 in, depth 62 ft. Lsd, 1,870.8 ft above msl. Highest water level 5.14, May 2, 1951; lowest water level 13.85, Oct. 17, 1956. Records available: 1947-53, 1955-59. May 26, g8.60; Oct. 20, g10.57.

### Hall County--Continued

12-11-19dd. Owner unknown. Drilled irrigation water-table well in sand, diam 18 in, depth 100 ft. Lsd, 1,949.3 ft above msl. Highest water level 39.87, May 2, 1951; lowest water level 50.20, Nov. 5, 1958. Records available: 1947-53, 1955-59. May 26, g45.68; Oct. 20, g48.16.

12-11-24cd. U. S. Geol. Survey. Drilled observation water-table well in clay and fine sand, diam 1½ in, depth 17 ft. Lsd, 1,900.80 ft above msl. Highest water level 3.54, July 5, 1949; lowest water level 13.32, Oct. 17, 1956. Records available: 1946-59. Feb. 25, g11.38; May 26, g9.30; Oct. 20, g10.83.

12-11-31cc. A. P. Johnson. Drilled irrigation water-table well in sand, diam 18 in, depth 56 ft. Lsd, 1,939.3 ft above msl. Highest water level 23.32, Apr. 30, 1952; lowest water level 34.28, Oct. 17, 1956. Records available: 1947-53, 1955-59. May 26, g31.20; Oct. 20, g33.91.

12-11-34ab. Owner unknown. Drilled irrigation water-table well in sand, Lsd, 1,909.1 ft above msl. Highest water level 8.77, May 2, 1951; lowest water level 20.00, Oct. 17, 1956. Records available: 1947, 1949-53, 1955-59. May 26, g12.80; Oct. 20, g16.37.

### Hamilton County

9-6-34bb. Tom Wild. Drilled irrigation water-table well in sand, diam 24 in, depth 87 ft. Highest water level 38.40, Apr. 29, 1949; lowest water level 44.29, Nov. 14, 1940. Records available: 1934-42, 1944, 1946-49, 1956-59. Sept. 28, 39.80; Nov. 19, 39.55.

9-8-9dc. Robert Phillips. Drilled irrigation water-table well in sand and gravel, diam 5 in, depth 67 ft. Lsd, 1,856.3 ft above msl. Highest water level 54.38, Oct. 30, 1935; lowest water level 60.33, Nov. 19, 1959. Records available: 1934-42, 1944, 1946, 1948-50, 1954-59. Nov. 19, 60.33.

\*10-6-26bc. U. S. Geol. Survey. Drilled observation water-table well in sand and gravel, diam 8 in, depth 130 ft. Highest water level 84.90, June 20, 1956; lowest water level 91.25, Aug. 15, 1957. Records available: 1956-59.

| Date    | Water level | Date    | Water level | Date     | Water level | Date    | Water level |
|---------|-------------|---------|-------------|----------|-------------|---------|-------------|
| Jan. 31 | 88.06       | Apr. 30 | 87.63       | July 31  | 88.69       | Oct. 31 | 88.71       |
| Feb. 28 | 87.89       | May 31  | 87.55       | Aug. 31  | 89.03       | Nov. 30 | 88.37       |
| Mar. 31 | 87.78       | June 30 | 87.39       | Sept. 30 | 89.25       | Dec. 25 | 88.24       |

\*Recording gage.

### Hamilton County--Continued

10-7-3ba. Paul Oswald. Drilled irrigation water-table well in sand and gravel, diam 18 in, depth 199 ft. Lsd, 1,856.50 ft above msl. Highest water level 96.95, June 15, 1950; lowest water level 103.63, Sept. 19, 1958. Records available: 1948-50, 1955-59. Nov. 19, 103.52.

10-7-5bb. Frank Sims. Drilled irrigation water-table well in sand, diam 18 in. Lsd, 1,864.05 ft above msl. Highest water level 85.83, July 1, 1949; lowest water level 92.21, Sept. 19, 1958. Records available: 1949, 1954-55, 1957-59. Nov. 19, 91.78.

11-6-13cb1. O. S. Swedberg. Drilled irrigation water-table well in sand and gravel, diam 24 in, depth 194 ft. Highest water level 90.30, Jan. 24, 1935; lowest water level 105.98, Dec. 3, 1956. Records available: 1934-42, 1944, 1946-59. Nov. 19, 102.10.

11-8-28bc. H. J. Rathje. Drilled irrigation water-table well in sand, diam 18 in, depth 90 ft. Lsd, 1,844.74 ft above msl. Highest water level 27.82, Apr. 28, 1953; lowest water level 34.35, Nov. 19, 1959. Records available: 1946-55, 1957-59. Nov. 19, 34.35.

13-6-27cc. Harry G. Lock. Drilled irrigation water-table well in gravel, diam 24 in, depth 61 ft. Lsd, 1,714.94 ft above msl. Highest water level 7.57, May 28, 1952; lowest water level 11.41, Nov. 14, 1940. Records available: 1935-40, 1942, 1944, 1946-55, 1957-59. Nov. 19, 10.38.

14-5-35aa. U. S. Geol. Survey. Drilled observation water-table well in sand, diam 1½ in, depth 11 ft. Lsd, 1,643.67 ft above msl. Highest water level 2.51, Mar. 27, 1952; lowest water level 5.00, Nov. 12, 1953. Records available: 1949-55, 1957-59. Nov. 19, 3.38.

### Harlan County

1-17-1da. U. S. Geol. Survey. Drilled observation water-table well in silt and soil, diam 1½ in, depth 14 ft. Lsd, 1,878.45 ft above msl. Highest water level 1.95, Oct. 25, 1946; lowest water level 9.06, Sept. 22, 1953. Records available: 1946-59. Apr. 7, g5.25; May 12, g4.70; July 20, g7.00; Sept. 29, g8.20; Oct. 15, 7.87; Nov. 20, g7.90.

2-19-28dd. U. S. Geol. Survey. Drilled observation water-table well in sand and gravel, diam 1 in, depth 22 ft. Highest water level 6.59, June 11, 1949; lowest water level 12.14, Sept. 13, 1955. Records available: 1940-41, 1946-59. Jan. 14, g9.80; Apr. 7, g9.30; Sept. 16, g11.10; Oct. 15, 11.18; Oct. 27, g11.20.



### Harlan County--Continued

3-20-25cc. U. S. Geol. Survey. Drilled observation water-table well in silt and clay, diam  $1\frac{1}{2}$  in, depth 24 ft. Lsd, 2,024 ft above msl. Highest water level 8.38, Apr. 16, 1958; lowest water level 17.71, Oct. 30, 1953. Records available: 1946-59. Jan. 14, g11.20; Apr. 6, g10.60; Sept. 15, g10.65; Oct. 15, 10.97; Oct. 27, g11.20.

### Hayes County

5-33-30cba. C. Stevenson. Drilled irrigation water-table well in sand, diam 22 in, depth 90 ft. Highest water level 17.86, June 9, 1949; lowest water level 20.38, Jan. 9, 1959. Records available: 1946-59. Jan. 9, g20.38; Mar. 17, g19.90; May 20, g19.75; June 15, g20.37; Sept. 14, g19.90; Nov. 10, g20.25.

5-34-30baa. U. S. Geol. Survey. Drilled observation water-table well in silt and fine sand, diam  $1\frac{1}{4}$  in, depth 17 ft. Highest water level 9.63, Feb. 8, 1949; lowest water level 12.81, Apr. 19, 1954. Records available: 1946-59.

| Date    | Water level | Date    | Water level | Date     | Water level | Date    | Water level |
|---------|-------------|---------|-------------|----------|-------------|---------|-------------|
| Jan. 9  | g10.80      | May 20  | g10.54      | July 25  | g10.83      | Oct. 14 | 11.63       |
| Mar. 17 | g11.11      | June 15 | g10.99      | Sept. 14 | g11.42      | Nov. 10 | g11.60      |

5-35-16ddd. U. S. Geol. Survey. Drilled observation water-table well in silt and fine sand, diam  $1\frac{1}{4}$  in, depth 13 ft. Highest water level 6.83, Feb. 8, 1949; lowest water level 9.74, Dec. 7, 1950. Records available: 1946-59.

| Date    | Water level | Date    | Water level | Date     | Water level | Date    | Water level |
|---------|-------------|---------|-------------|----------|-------------|---------|-------------|
| Jan. 9  | g8.07       | May 20  | g7.46       | July 25  | g7.90       | Oct. 14 | 8.69        |
| Mar. 17 | g8.07       | June 15 | g7.55       | Sept. 14 | g8.70       | Nov. 10 | g8.55       |

### Hitchcock County

2-35-21bc. Rev. Otto Brownfield. Drilled irrigation water-table well in sand and gravel, diam 16 in, depth 47 ft. Lsd, 2,831 ft above msl. Highest water level 19.08, June 3, 1952; lowest water level 24.08, Sept. 11, 1956. Records available: 1934-41, 1946-59. Jan. 12, g21.89; June 30, g21.58; Nov. 24, g23.0; Dec. 22, g22.79.

## Hitchcock County--Continued

2-35-24aa. U. S. Geol. Survey. Drilled observation water-table well in sand, diam  $1\frac{1}{4}$  in, depth 12 ft. Lsd, 2,778 ft above msl. Highest water level 3.67, June 9, 1949; lowest water level 8.77, Oct. 8, 1947. Records available: 1946-59.

| Date    | Water level | Date   | Water level | Date    | Water level | Date    | Water level |
|---------|-------------|--------|-------------|---------|-------------|---------|-------------|
| Jan. 13 | g5.02       | June 4 | g4.79       | July 31 | g6.97       | Oct. 14 | 6.70        |
| Apr. 24 | g5.13       | July 1 | g5.95       | Sept. 1 | g7.27       | Nov. 23 | g5.76       |

3-31-14bc. U. S. Geol. Survey. Drilled observation water-table well in silt, diam  $1\frac{1}{4}$  in, depth 26 ft. Lsd, 2,569 ft above msl. Highest water level 11.82, Oct. 8, 1947; lowest water level 15.88, Aug. 15, 1946. Records available: 1946-59. Apr. 22, g14.25; Sept. 9, g14.15.

3-32-11bb. U. S. Geol. Survey. Drilled observation water-table well in silt and fine sand, diam  $1\frac{1}{4}$  in, depth 18 ft. Highest water level 12.65, Feb. 8, 1949; lowest water level 14.88, Nov. 10, 1955. Records available: 1946-59. Jan. 9, g13.86; Mar. 17, g13.80; May 20, g13.71; June 15, g14.20; July 25, g14.36; Sept. 14, g14.46.

3-32-26cd. U. S. Geol. Survey. Jetted observation water-table well in silt, sand, and gravel, diam  $\frac{3}{4}$  in, depth 21 ft. Highest water level 3.60, Aug. 16, 1951; lowest water level 8.05, Mar. 18, 1955. Records available: 1950-59. Jan. 13, g5.90; Apr. 24, g5.24; June 4, g5.22; July 1, g6.04; July 30, g5.97; Sept. 1, g6.13; Nov. 23, g5.90.

4-33-23ad. U. S. Geol. Survey. Drilled observation water-table well in silt and fine sand, diam  $1\frac{1}{4}$  in, depth 19 ft. Highest water level 11.09, Sept. 16, 1957; lowest water level 14.33, Nov. 10, 1955. Records available: 1946-59.

| Date    | Water level | Date    | Water level | Date     | Water level | Date    | Water level |
|---------|-------------|---------|-------------|----------|-------------|---------|-------------|
| Jan. 9  | g12.27      | May 20  | g12.09      | July 25  | g12.76      | Oct. 14 | 12.62       |
| Mar. 17 | g12.21      | June 15 | g11.93      | Sept. 14 | g12.74      | Nov. 10 | g12.61      |

## Holt County

27-9-34da. U. S. Geol. Survey. Drilled observation water-table well in sand and gravel, diam 1 in, depth 17 ft. Highest water level 3.73, Mar. 29, 1952; lowest water level 9.90, Sept. 1, 1948. Records available: 1934-59.

## Holt County--Continued

27-9-34da--Continued.

| Date    | Water level | Date   | Water level | Date   | Water level | Date     | Water level |
|---------|-------------|--------|-------------|--------|-------------|----------|-------------|
| Jan. 31 | 7.41        | Apr. 1 | 6.34        | May 21 | 6.13        | July 9   | 7.18        |
| Feb. 12 | 7.36        | 9      | 6.95        | June 4 | 5.97        | 16       | 6.44        |
| Mar. 6  | 7.25        | 23     | 6.48        | 18     | 6.81        | Sept. 24 | 8.01        |
| 12      | 7.28        | May 15 | 6.51        | July 2 | 6.47        | Dec. 22  | 7.05        |

29-11-21bbb. Murphy. Drilled stock water-table well in sand, diam 5 in, depth 55 ft. Lsd, 2,001.06 ft above msl. Highest water level 16.87, Jan. 14, 1948; lowest water level 26.43, July 9, 1959. Records available: 1947-53, 1955-59. July 9, 26.43; Sept. 23, 25.69.

29-12-10cbb. School District. Drilled domestic water-table well in sand, diam 6 in, depth 39 ft. Lsd, 2,030.07 ft above msl. Highest water level 18.40, Oct. 28, 1953; lowest water level 27.63, Feb. 16, 1948. Records available: 1947-53, 1957-59. July 9, 26.14.

30-13-27cc. John Tenborg. Drilled unused water-table well in sand, diam 6 in, depth 67 ft. Lsd, 2,064.64 ft above msl. Highest water level 18.29, July 23, 1953; lowest water level 30.80, Oct. 13, 1948. Records available: 1947-59. July 9, 28.74; Sept. 23, 28.78.

30-14-23dd. Joe Albright. Drilled stock water-table well in sand, diam 6 in, depth 46 ft. Lsd, 2,090.15 ft above msl. Highest water level 25.83, July 23, 1953; lowest water level 32.05, July 12, 1948. Records available: 1947-48, 1950-59. July 9, 32.53; Sept. 23, 30.96.

## Hooker County

24-31-18cb. U. S. Bureau of Reclamation. Drilled observation water-table well in sand, diam 1½ in, depth 42 ft. Highest water level 32.51, Oct. 5, 1950; lowest water level 34.03, Oct. 9, 1959. Records available: 1948, 1950-56, 1959. Oct. 9, 34.03.

24-35-23dc. U. S. Geol. Survey. Jetted observation water-table well in fine sand, diam ¾ in, depth 20 ft. Highest water level 7.23, Sept. 4, 1958; lowest water level 11.55, Oct. 9, 1959. Records available: 1958-59. Oct. 9, 11.55.

## Howard County

13-9-26dd. U. S. Geol. Survey. Driven observation water-table well in sand, diam  $1\frac{1}{4}$  in, depth 19 ft. Lsd, 1,818.18 ft above msl. Highest water level 3.41, May 1, 1951; lowest water level 12.53, Nov. 5, 1956. Records available: 1946-59. Mar. 2, g11.10; May 27, g8.34; Oct. 20, g11.00.

13-10-7cd. Emil Scheer. Driven stock water-table well in sand. Lsd, 1,838.86 ft above msl. Highest water level 2.31, May 31, 1950; lowest water level 4.86, Oct. 30, 1959. Records available: 1949-53, 1959. Oct. 30, 4.86.

13-12-27aa. U. S. Geol. Survey. Drilled and driven observation water-table well in sand, diam  $1\frac{1}{4}$  in, depth 11 ft. Lsd, 1,894.41 ft above msl. Highest water level 3.76, July 8, 1949; lowest water level 6.53, Feb. 10, 1950. Records available: 1949-54, 1957, 1959. Oct. 30, 5.76.

13-12-29ba. Mrs. Olga Young. Dug unused water-table well in sand, diam 36 in, depth 31 ft. Lsd, 1,928.08 ft above msl. Highest water level 24.36, July 8, 1949; lowest water level 30.43, Oct. 28, 1940. Records available: 1934-42, 1948-55, 1957-59. Oct. 30, 27.12.

13-12-32cb. U. S. Geol. Survey. Drilled and driven observation water-table well in sand, diam  $1\frac{1}{4}$  in, depth 21 ft. Lsd, 1,923.38 ft above msl. Highest water level 3.88, July 8, 1949; lowest water level 6.88, Feb. 2, 1953. Records available: 1949-53, 1959. Oct. 30, 6.56.

14-11-6ba1. Burlington Railroad. Drilled public supply water-table well in sand, diam 12 in, depth 115 ft. Highest water level 27.29, Dec. 5, 1952; lowest water level 30.81, Aug. 15, 1949. Records available: 1949, 1952, 1954-55, 1957-59. Oct. 31, 29.33.

14-12-1aa. Owner unknown. Domestic and stock water-table well, diam 5 in, depth 31 ft. Lsd, 1,959.87 ft above msl. Highest water level 21.71, Apr. 6, 1952; lowest water level 30.02, Oct. 30, 1959. Records available: 1952, 1959. Oct. 30, 30.02.

14-12-5cc. U. S. Geol. Survey. Jetted observation water-table well in sand, diam  $\frac{3}{4}$  in, depth 17 ft. Lsd, 1,971.40 ft above msl. Highest water level 3.10, May 14, 1951; lowest water level 5.97, Oct. 30, 1959. Records available: 1950-53, 1959. Oct. 30, 5.97.

14-12-12dd. U. S. Bureau of Reclamation. Observation water-table well, diam  $\frac{3}{4}$  in. Lsd, 1,935.26 ft above msl. Highest water level 7.10, Apr. 7, 1952; lowest water level 9.50, Oct. 30, 1959. Records available: 1952, 1959. Oct. 30, 9.50.

Howard County--Continued

15-9-9aal. Wilber Edwards. Drilled unused water-table well in sand, diam 18 in, depth 90 ft. Lsd, 1,780.23 ft above msl. Highest water level 30.94, Sept. 11 and Oct. 23, 1951; lowest water level 35.65, Sept. 5, 1957. Records available: 1948-59. Aug. 6, 33.80; Sept. 16, 32.95.

15-9-12cb. Clarence Baker. Dug and drilled irrigation water-table well in sand, diam 72 in, depth 35 ft. Lsd, 1,730.71 ft above msl. Highest water level 8.27, June 30, 1949; lowest water level 11.06, Oct. 1, 1948. Records available: 1948-51, 1953, 1956-59. Oct. 26, 10.90.

15-9-16dd. U. S. Geol. Survey. Jetted observation water-table well in sand, diam 3/4 in, depth 28 ft. Lsd, 1,787.56 ft above msl. Highest water level 14.58, Oct. 2, 1950; lowest water level 16.90, Sept. 5, 1957. Records available: 1950, 1956-59. Oct. 26, 16.61.

15-9-17cc. U. S. Geol. Survey. Jetted observation water-table well in sand, diam 3/4 in, depth 25 ft. Lsd, 1,773.08 ft above msl. Highest water level 3.34, Oct. 2, 1950; lowest water level 11.93, Oct. 26, 1959. Records available: 1950-51, 1956, 1958-59. Oct. 26, 11.93.

15-9-17dd. U. S. Geol. Survey. Jetted observation water-table well in sand, diam 3/4 in, depth 21 ft. Highest water level 2.97, July 26, 1951; lowest water level 5.71, Sept. 5, 1957. Records available: 1950-52, 1956-59. Oct. 26, 5.49.

15-9-24aal. U. S. Geol. Survey. Jetted observation water-table well in sand, diam 3/4 in, depth 15 ft. Lsd, 1,737.32 ft above msl. Highest water level 6.67, Oct. 2, 1950; lowest water level 8.75, Sept. 5, 1957. Records available: 1950, 1956-59. Oct. 26, 8.46.

15-9-24bb. U. S. Geol. Survey. Jetted observation water-table well in sand, diam 3/4 in, depth 21 ft. Lsd, 1,750.44 ft above msl. Highest water level 3.86, Oct. 2, 1950; lowest water level 6.46, Oct. 26, 1959. Records available: 1950, 1956-59. Oct. 26, 6.46.

15-10-7dd. U. S. Bureau of Reclamation. Drilled observation water-table well, diam 1 in, depth 9 ft. Highest water level 2.66, June 10, 1959; lowest water level 5.55, Oct. 3, 1956. Records available: 1956-59. June 10, 2.66; July 10, 3.50; Aug. 6, 4.60; Sept. 16, 5.08; Oct. 27, 4.34; Nov. 24, 4.19; Dec. 14, 4.17.

15-10-12ca. Carl Hanson. Drilled irrigation water-table well in sand and stone, diam 18 in, depth 183 ft. Lsd, 1,832.75 ft above msl. Highest water level 64.63, June 30, 1949; lowest water level 69.42, Sept. 5, 1957. Records available: 1948-51, 1953, 1956-59. Oct. 27, 66.49.

Howard County--Continued

15-10-19ab. Harry Ward. Drilled irrigation water-table well in sand, diam 18 in, depth 82 ft. Lsd, 1,801.15 ft above msl. Highest water level 8.48, June 29, 1948; lowest water level 11.53, Sept. 2, 1949. Records available: 1948-52, 1954-55, 1957-59. Oct. 27, 11.18.

15-11-2ba. U. S. Bureau of Reclamation. Drilled observation water-table well, diam 1½ in, depth 55 ft. Lsd, 1,841.14 ft above msl. Highest water level 24.27, July 10, 1959; lowest water level 25.00, Aug. 21, 1958. Records available: 1958-59. June 10, 24.41; July 10, 24.27; Aug. 6, 24.97; Sept. 16, 24.84; Oct. 27, 24.65; Nov. 24, 24.60; Dec. 14, 24.60.

15-11-2cd. U. S. Bureau of Reclamation. Drilled observation water-table well, diam 1½ in, depth 51 ft. Lsd, 1,812.06 ft above msl. Highest water level 4.63, June 10, 1959; lowest water level 6.86, Sept. 16, 1959. Records available: 1958-59. June 10, 4.63; July 10, 5.41; Aug. 6, 6.26; Sept. 16, 6.86; Oct. 27, 6.50; Nov. 24, 6.37; Dec. 14, 6.33.

16-11-7cc2. U. S. Bureau of Reclamation. Drilled observation water-table well, diam 1½ in, depth 71 ft. Lsd, 1,871.34 ft above msl. Highest water level 18.48, July 10, 1959; lowest water level 22.11, Aug. 6, 1959. Records available: 1958-59. June 10, 18.92; July 10, 18.48; Aug. 6, 22.11; Sept. 16, 22.09; Oct. 27, 21.27; Nov. 24, 20.94; Dec. 14, 20.78.

16-11-18bc. Jess Parker. Drilled irrigation water-table well in sand. Lsd, 1,884.38 ft above msl. Highest water level 29.64, Oct. 5, 1950; lowest water level 36.70, Sept. 5, 1957. Records available: 1950, 1956-59. Oct. 27, 33.57.

16-11-18cd. Stanley Tucker. Drilled irrigation water-table well in sand, diam 18 in. Highest water level 25.97, Oct. 6, 1950; lowest water level 31.33, Sept. 5, 1957. Records available: 1950-51, 1956-59. Oct. 27, 29.46.

16-11-19ab. R. J. Rasmesson. Drilled irrigation water-table well in gravel and sandstone, diam 18 in, depth 96 ft. Lsd, 1,879.03 ft above msl. Highest water level 26.55, Oct. 6, 1950; lowest water level 32.56, Sept. 5, 1957. Records available: 1950, 1956-59. Oct. 27, 29.85.

16-11-19bb. Bill Wells. Drilled irrigation water-table well in sand, diam 18 in, depth 150 ft. Lsd, 1,898.03 ft above msl. Highest water level 40.09, Oct. 6 and Nov. 3, 1950; lowest water level 48.85, Sept. 5, 1957. Records available: 1950, 1956-59. Oct. 27, 43.64.

16-11-19cb1. Ray Parker. Drilled irrigation water-table well in sand, diam 18 in, depth 96 ft. Lsd, 1,904.72 ft above msl. Highest water level 40.56, May 31 and June 1, 1951; lowest water level 50.53, Sept. 4, 1953. Records available: 1950-55, 1957-59. Oct. 27, 45.81.

### Howard County--Continued

16-11-19cb2. Ray Parker. Drilled irrigation water-table well in gravel and sandstone, diam 18 in, depth 165 ft. Lsd, 1,894.54 ft above msl. Highest water level 33.12, Oct. 6, 1950; lowest water level 40.44, Mar. 16, 1951. Records available: 1950-51, 1956-59. Oct. 27, 35.83.

16-11-27dc. Mrs. Mary Augustyn. Drilled stock water-table well in sand and gravel, diam 3 in, depth 90 ft. Lsd, 1,886 ft above msl. Highest water level 62.06, May 7, 1958; lowest water level 66.85, Oct. 29, 1940. Records available: 1934-43, 1948, 1956-59. Oct. 27, 66.50.

16-11-29bc. Corbin Springer. Drilled irrigation water-table well in gravel, diam 18 in, depth 87 ft. Highest water level 28.28, Aug. 21, 1956; lowest water level 32.73, Oct. 27, 1959. Records available: 1956, 1958-59. Oct. 27, 32.73.

16-11-29cc. U. S. Bureau of Reclamation. Drilled observation water-table well, diam 1½ in, depth 81 ft. Lsd, 1,879.24 ft above msl. Highest water level 22.98, July 10, 1959; lowest water level 26.74, Sept. 16, 1959. Records available: 1958-59. June 10, 23.37; July 10, 22.98; Aug. 6, 26.67; Sept. 16, 26.74; Oct. 27, 25.43; Nov. 24, 25.09; Dec. 14, 24.93.

16-11-32aa. U. S. Bureau of Reclamation. Drilled observation water-table well, diam 1½ in, depth 81 ft. Lsd, 1,854.50 ft above msl. Highest water level 13.36, Aug. 21, 1958; lowest water level 14.01, June 25, 1958. Records available: 1958-59. June 10, 13.32; July 10, 13.04; Aug. 6, 13.33; Sept. 16, 13.65; Oct. 27, 13.90; Nov. 24, 14.01; Dec. 14, 14.08.

16-11-32ab. Gerdes. Drilled irrigation water-table well in sand, diam 24 in, depth 80 ft. Lsd, 1,867.33 ft above msl. Highest water level 16.48, Aug. 17, 1950; lowest water level 23.74, Aug. 21, 1956. Records available: 1948-52, 1956-59. Oct. 27, 20.42.

16-11-32bb. Mrs. Mary Lindsay. Drilled irrigation water-table well in gravel, diam 18 in, depth 85 ft. Lsd, 1,877.40 ft above msl. Highest water level 21.33, Oct. 6, 1950; lowest water level 27.96, Sept. 5, 1957. Records available: 1950, 1956-59. Oct. 27, 27.23.

### Jefferson County

A2-4-26dd. Dr. Claude Ellis. Drilled unused water-table well in alluvium, diam 8 in, depth 35 ft. Highest water level 9.53, Sept. 22, 1958; lowest water level 21.92, Nov. 1, 1941. Records available: 1934-42, 1944, 1946, 1953, 1955-56, 1958-59. Nov. 30, 10.80.

## Jefferson County--Continued

A3-1-14ba. Mrs. A. H. Knispel. Dug unused water-table well, diam 3 ft, depth 38 ft. Highest water level 26.70, Dec. 14, 1953; lowest water level 33.05, Apr. 12, 1940. Records available: 1934-42, 1946, 1953, 1955, 1958-59. Nov. 30, 28.86.

## Kearney County

5-15-3ba. Ed Downs. Drilled unused water-table well in sand and gravel, diam 6 in, depth 122 ft. Lsd, 2,192.73 ft above msl. Highest water level 99.00, Apr. 6, 1955; lowest water level 108.15, Aug. 8, 1947. Records available: 1947-59. Oct. 12, 99.88; Dec. 8, 99.31.

6-15-1cb. Roy Youngson. Drilled irrigation water-table well in gravel, diam 18 in, depth 176 ft. Lsd, 2,171.80 ft above msl. Highest water level 59.20, Oct. 12, 1959; lowest water level 71.36, June 29, 1948. Records available: 1948-59. Oct. 12, 59.20.

8-14-23ba. U. S. Geol. Survey. Driven observation water-table well in silt and sand, diam 1½ in, depth 13 ft. Lsd, 2,067.30 ft above msl. Highest water level 2.63, Nov. 15, 1946; lowest water level 6.98, Oct. 19, 1956. Records available: 1946-59. Feb. 25, g3.62; June 1, g3.78; Oct. 15, g5.04.

8-16-23dd. U. S. Geol. Survey. Driven observation water-table well in soil and gravel, diam 1½ in, depth 13 ft. Lsd, 2,143.38 ft above msl. Highest water level 2.22, Oct. 10, 1946; lowest water level 6.18, Oct. 19, 1956. Records available: 1946-59. Feb. 25, g3.59; June 3, g3.44; Oct. 16, g4.33.

8-16-28aa. U. S. Geol. Survey. Drilled observation water-table well in sand, diam 1½ in, depth 15 ft. Lsd, 2,159.34 ft above msl. Highest water level 4.36, Oct. 10, 1946; lowest water level 7.92, Oct. 19, 1956. Records available: 1946-59. Feb. 25, g5.95; June 3, g5.35; Oct. 16, g6.12.

## Keith County

13-35-6dd. Central Nebraska Public Power and Irrigation District. Drilled observation water-table well in sand, diam 2 in, depth 15 ft. Lsd, 3,063.88 ft above msl. Highest water level 5.90, May 8, 1942; lowest water level 12.02, Oct. 25, 1954. Records available: 1938-46, 1948-55, 1957, 1959. Oct. 7, 11.60.



### Keith County--Continued

13-36-6bc. Central Nebraska Public Power and Irrigation District. Driven observation water-table well in sand, diam 5 in, depth 11 ft. Lsd, 3,117.37 ft above msl. Highest water level 1.70, June 15, 1949; lowest water level 6.32, Oct. 6, 1943. Records available: 1936-54, 1957-59. Oct. 7, 4.34.

13-37-3ab. Charles E. Thalken. Drilled unused water-table well in gravel, diam 6 in. Highest water level 10.55, May 8, 1942; lowest water level 16.10, Oct. 15, 1957. Records available: 1935-49, 1953-55, 1957-59. Oct. 7, 15.10.

13-38-6ca. Central Nebraska Public Power and Irrigation District. Drilled observation water-table well in fine and coarse sand and gravel, diam 5 in. Lsd, 3,217.84 ft above msl. Highest water level 9.94, May 8, 1942; lowest water level 16.90, Nov. 2, 1954. Records available: 1936-55, 1957-59. Oct. 7, 14.43.

13-39-34dd. George Peters Estate. Drilled unused water-table well in sand and gravel, diam 3 in, depth 199 ft. Highest water level 166.07, Oct. 6, 1949; lowest water level 171.40, Oct. 16, 1957. Records available: 1935-42, 1947, 1949-50, 1954, 1957-59. Oct. 7, 169.87.

13-41-24aa. School District No. 31. Drilled unused water-table well in sand and gravel, diam 3 in, depth 75 ft. Lsd, 3,371.59 ft above msl. Highest water level 57.70, Apr. 19, 1948; lowest water level 59.64, May 5, 1949. Records available: 1947-51, 1957-59. Oct. 12, 59.01.

16-38-7aa. Central Nebraska Public Power and Irrigation District. Drilled observation water-table well in fine sand, diam 4 in, depth 15 ft. Lsd, 3,499.11 ft above msl. Highest water level 7.63, May 4, 1942; lowest water level 11.50, Apr. 30, 1957. Records available: 1936-59.

| Date    | Water level | Date    | Water level | Date     | Water level | Date    | Water level |
|---------|-------------|---------|-------------|----------|-------------|---------|-------------|
| Jan. 31 | 9.6         | Apr. 30 | 9.2         | Aug. 31  | 9.7         | Nov. 30 | 9.5         |
| Feb. 28 | 9.5         | June 1  | 9.2         | Sept. 30 | 9.7         | Dec. 31 | 9.4         |
| Mar. 31 | 9.5         | July 31 | 9.5         | Nov. 2   | 9.6         |         |             |

### Keya Paha County

32-19-19dc. U. S. Geol. Survey. Driven observation water-table well in gravel, diam 1 in, depth 9 ft. Highest water level 1.52, Mar. 29, 1940; lowest water level 3.61, Oct. 31, 1940. Records available: 1935-41, 1943, 1945, 1959. Oct. 20, 2.20.

### Kimball County

15-53-31bb. Robert Gunderson. Drilled irrigation water-table well in sand, diam 18 in, depth 85 ft. Highest water level 46.25, Jan. 24, 1952; lowest water level 52.19, Oct. 11, 1956. Records available: 1951-59. Oct. 13, 47.03.

15-55-17cc. Kimball Irrigation District. Drilled unused water-table well in gravel, diam 4 in, depth 114 ft. Highest water level 92.18, Jan. 2, 1936; lowest water level 97.10, Oct. 11, 1956. Records available: 1935-42, 1950-59. Oct. 13, 96.54.

15-55-26cc. Henry Meier. Drilled irrigation water-table well in sand, diam 24 in, depth 120 ft. Highest water level 40.47, Jan. 2, 1936; lowest water level 45.22, Oct. 11, 1956. Records available: 1936-37, 1951-59. Oct. 13, 43.87.

15-56-32ac. Vernon Linn. Drilled irrigation water-table well in sand and gravel, diam 18 in, depth 180 ft. Highest water level 19.03, Oct. 17, 1957; lowest water level 22.31, Aug. 8, 1951. Records available: 1951-57, 1959. Oct. 13, 21.08.

15-57-33ab. Matt Tomich. Drilled irrigation water-table well in sand and gravel, diam 24 in, depth 62 ft. Lsd, 4,843.4 ft above msl. Highest water level 21.85, Mar. 25, 1952; lowest water level 22.67, Oct. 1, 1958. Records available: 1935-37, 1951-52, 1958-59. Oct. 13, 22.56.

### Knox County

30-3-11aa. William Krohn. Dug unused water-table well in sand, gravel, and till, diam 36 in, depth 26 ft. Highest water level 20.05, Sept. 6, 1957; lowest water level 23.25, Oct. 9, 1937. Records available: 1934-42, 1946, 1953, 1955-59. Sept. 21, 20.60.

32-6-8dd. W. R. McGraw. Driven unused water-table well in gravel, diam 1 in, depth 18 ft. Highest water level 9.99, Sept. 23, 1959; lowest water level 16.18, Oct. 30, 1940. Records available: 1935-42, 1946, 1953, 1955-59. Sept. 23, 9.99.

33-7-30cb. U. S. Geol. Survey. Driven observation water-table well in gravel, diam 1 in, depth 17 ft. Highest water level 8.60, Dec. 24, 1935 and Mar. 25, 1936; lowest water level 12.49, Nov. 14, 1956. Records available: 1935-43, 1946, 1953, 1955-57, 1959. Sept. 22, 12.13.

## Lancaster County

A7-7-35cb. U. S. Geol. Survey. Driven observation water-table well in fine sand, diam  $1\frac{1}{4}$  in, depth 42 ft. Highest water level 24.40, Apr. 15, 1948; lowest water level 26.46, Oct. 17, 1940. Records available: 1940-42, 1944, 1946, 1948, 1954-59. Nov. 18, 24.57.

A8-6-1aa. U. S. Geol. Survey. Drilled unused water-table well in sand and alluvium, diam  $1\frac{1}{4}$  in, depth 21 ft. Lsd, 1,198.5 ft above msl. Highest water level 7.36, Apr. 16, 1952; lowest water level 16.78, Mar. 2, 1955. Records available: 1951-59. Nov. 18, 13.07.

A8-6-28dd. Village of Sprague. Driven public supply well in sand and gravel, diam 12 in, depth 80 ft. Highest water level 25.33, Nov. 18, 1959; lowest water level 27.18, Dec. 6, 1956. Records available: 1954, 1956-59. Nov. 18, 25.33.

A8-6-33aa. Fred Gervig. Drilled observation water-table well in sand, diam 8 in, depth 14 ft. Highest water level 0.48, Mar. 12, 1952; lowest water level 6.11, Sept. 9, 1953. Records available: 1951-59. Nov. 18, 2.49.

\*A8-6-34dd. U. S. Geol. Survey. Drilled observation water-table well in sand, diam 8 in, depth 53 ft. Highest water level 5.06, Feb. 28 and Mar. 15, 1958; lowest water level 8.90, July 31, 1954. Records available: 1954-59.

| Date    | Water level | Date    | Water level | Date    | Water level | Date    | Water level |
|---------|-------------|---------|-------------|---------|-------------|---------|-------------|
| Jan. 31 | 5.89        | Apr. 30 | 6.49        | July 31 | 6.30        | Nov. 30 | 6.35        |
| Feb. 28 | 6.12        | May 31  | 5.85        | Aug. 25 | 6.03        | Dec. 31 | 5.88        |
| Mar. 31 | 6.21        | June 30 | 6.69        | Oct. 31 | 6.09        |         |             |

A8-7-18ddb. U. S. Geol. Survey. Drilled observation water-table well in sand and gravel, diam 8 in, depth 41 ft. Highest water level 1.63, Aug. 25, 1954; lowest water level 12.55, June 20, 1956. Records available: 1954-59. Mar. 16, 8.13; Nov. 18, 8.89.

\*A8-7-20dda. U. S. Geol. Survey. Drilled observation water-table well in sand, diam 8 in, depth 33 ft. Highest water level +0.11, May 18, 1959; lowest water level 11.55, Mar. 20, 1957. Records available: 1954-59.

| Date    | Water level | Date    | Water level | Date     | Water level | Date    | Water level |
|---------|-------------|---------|-------------|----------|-------------|---------|-------------|
| Jan. 31 | 6.29        | Apr. 30 | 3.19        | July 31  | 3.68        | Oct. 31 | 3.78        |
| Feb. 28 | 6.16        | May 31  | 1.65        | Aug. 31  | 4.95        | Nov. 30 | 3.90        |
| Mar. 31 | 2.32        | June 30 | 3.00        | Sept. 30 | 4.68        | Dec. 31 | 4.06        |

\*Recording gage.

Lancaster County--Continued

\*A8-7-30cd. U. S. Geol. Survey. Drilled observation water-table well in sand, diam 8 in, depth 22 ft. Highest water level 5.78, July 5-6, 1959; lowest water level 16.52, Mar. 15, 1957. Records available: 1954-59.

| Date    | Water level | Date    | Water level | Date     | Water level | Date    | Water level |
|---------|-------------|---------|-------------|----------|-------------|---------|-------------|
| Feb. 28 | 12.86       | May 5   | 9.28        | Aug. 31  | 9.40        | Nov. 30 | 11.99       |
| Mar. 31 | 10.92       | June 30 | 6.87        | Sept. 30 | 10.77       | Dec. 31 | 12.50       |
| Apr. 30 | 10.23       | July 31 | 7.75        | Oct. 31  | 11.43       |         |             |

A8-7-33ab. U. S. Geol. Survey. Drilled observation water-table well in sand, diam 1½ in, depth 33 ft. Highest water level 1.77, Apr. 16, 1952; lowest water level 11.09, Mar. 12, 1957. Records available: 1951-59. Nov. 18, 6.61.

A9-5-21aa. Miss Brady. Dog stock water-table well in till, diam 36 in, depth 28 ft. Highest water level 16.94, Jan. 7, 1954; lowest water level 28.40, Jan. 4, 1936. Records available: 1934-42, 1946, 1954-56, 1958-59. Nov. 18, 16.98.

A9-6-5dd. U. S. Geol. Survey. Drilled unused water-table well in alluvium, diam 1½ in, depth 33 ft. Highest water level 5.53, Apr. 16, 1952; lowest water level 10.03, Nov. 18, 1959. Records available: 1951-59. Nov. 18, 10.03.

A9-6-36dd. Owner unknown. Water-table well, diam 4 in, depth 41 ft. Highest water level 10.05, Nov. 19, 1958; lowest water level 13.27, Dec. 15, 1955. Records available: 1954-59. Nov. 18, 10.08.

A9-7-28cc. C. A. Potts. Drilled unused water-table well in alluvium, diam 42 in, depth 23 ft. Highest water level 4.40, Dec. 31, 1954; lowest water level 11.65, Oct. 6, 1937. Records available: 1935-42, 1946, 1954-59. Nov. 18, 4.67.

A10-5-16bb. A. C. Hoppman. Drilled observation water-table well in alluvium, diam 12 in, depth 36 ft. Highest water level 14.39, Apr. 30, 1952; lowest water level 21.86, Oct. 24, 1955. Records available: 1952, 1954-59. Nov. 18, 19.69.

A10-5-22dad. U. S. Geol. Survey. Drilled unused water-table well in alluvium, diam 1½ in, depth 33 ft. Highest water level 10.47, Nov. 28, 1951; lowest water level 20.79, Mar. 7, 1957. Records available: 1951-59. Nov. 18, 19.92.

A10-6-1cc. H. R. Keech. Drilled unused water-table well, diam 8 in, depth 70 ft. Highest water level 6.38, July 3, 1951; lowest water level 27.82, Feb. 17, 1957. Records available: 1949-59. Nov. 18, 16.55.

\*Recording gage.

Lancaster County--Continued

A10-6-13da. U. S. Geol. Survey. Drilled unused water-table well in sand and alluvium, diam  $1\frac{1}{4}$  in, depth 32 ft. Highest water level 14.04, Apr. 30, 1952; lowest water level 19.00, May 31, 1956. Records available: 1951-59. Nov. 18, 15.63.

A10-6-18ab. Grace Mears. Dug domestic and stock water-table well in sand and gravel, diam 4 ft, depth 25 ft. Highest water level 5.94, Nov. 18, 1959; lowest water level 16.32, Dec. 6, 1956. Records available: 1954-59. Nov. 18, 5.94.

A10-6-26bd. Valley Ice Co. Drilled industrial water-table well in alluvium, diam 8 in, depth 72 ft. Highest water level 29.65, Nov. 18, 1959; lowest water level 38.49, Dec. 15, 1955. Records available: 1954-59. Nov. 18, 29.65.

A10-6-34ca. U. S. Geol. Survey. Drilled observation water-table well in sand, diam 8 in, depth 36 ft. Highest water level 10.00, July 15, 1952; lowest water level 18.53, Feb. 20, 1957. Records available: 1951-59. Mar. 16, 16.48; Nov. 8, 16.47.

\*A10-6-36cdd. City of Lincoln. Drilled unused water-table well in sandstone, diam 16 in, depth 170 ft. Highest water level 65.38, Dec. 27, 1959; lowest water level 71.19, Sept. 5, 1956. Records available: 1951-59.

| Date    | Water level | Date    | Water level | Date     | Water level | Date    | Water level |
|---------|-------------|---------|-------------|----------|-------------|---------|-------------|
| Jan. 31 | 68.09       | Apr. 30 | 67.01       | July 31  | 66.62       | Oct. 31 | 66.24       |
| Feb. 28 | 67.49       | May 31  | 67.02       | Aug. 31  | 66.28       | Nov. 30 | 65.92       |
| Mar. 31 | 67.26       | June 30 | 66.84       | Sept. 30 | 66.40       | Dec. 31 | 65.83       |

A11-6-20dc. U. S. Geol. Survey. Drilled observation water-table well in sand and alluvium, diam 8 in, depth 34 ft. Highest water level 12.40, Apr. 24, 1952; lowest water level 17.53, Jan. 5, 10, 1957. Records available: 1951-59. Nov. 18, 16.87.

A11-6-31ac. U. S. Geol. Survey. Drilled unused water-table well in sand and alluvium, diam  $1\frac{1}{4}$  in, depth 25 ft. Highest water level 12.67, Apr. 23, 1952; lowest water level 18.10, Oct. 12, 1955. Records available: 1951-59. Nov. 18, 15.02.

A11-7-35cb. U. S. Geol. Survey. Drilled unused water-table well in fine sand, diam  $1\frac{1}{4}$  in, depth 23 ft. Highest water level 9.40, Apr. 30, 1952; lowest water level 19.45, Nov. 9, 1956. Records available: 1951-59. Nov. 18, 15.66.

\*Recording gage.

Lancaster County--Continued

All-8-17dc. Clark Jeary. Drilled irrigation water-table well in sand and gravel, diam 18 in, depth 91 ft. Highest water level 8.59, Apr. 30, 1952; lowest water level 20.25, Nov. 30, 1956. Records available: 1950, 1952-56, 1958-59. Nov. 18, 14.63.

Lincoln County

10-32-17ccl. J. M. Fristo. Drilled unused water-table well in sand and gravel, diam 4 in, depth 210 ft. Highest water level 136.49, Sept. 29, 1958; lowest water level 148.57, Jan. 22, 1941. Records available: 1934-42, 1944, 1953-59. Oct. 12, 136.58.

10-34-18da. G. R. Kennealy. Drilled abandoned domestic and stock well in sand, diam 3 in, depth 169 ft. Lsd, 3,221.44 ft above msl. Highest water level 154.39, Oct. 12, 1959; lowest water level 159.60, Sept. 1, 1949. Records available: 1949, 1958-59. Oct. 12, 154.39.

12-28-9bc. Central Nebraska Public Power and Irrigation District. Drilled observation water-table well in alluvium, sand, and gravel, diam 2 in, depth 14 ft. Lsd, 2,702.68 ft above msl. Highest water level 3.58, Mar. 3, 1949; lowest water level 10.48, Nov. 1, 1939. Records available: 1938-55, 1957-59. Dec. 9, 4.85.

13-30-9cb. U. S. Geol. Survey. Driven observation water-table well in sand, diam 1½ in, depth 13 ft. Lsd, 2,800.99 ft above msl. Highest water level 0.90, June 13, 1947; lowest water level dry, Sept. 10, 1947. Records available: 1946-59. Oct. 7, 3.36.

13-30-21bb. U. S. Geol. Survey. Driven observation water-table well in sand and gravel, diam 1½ in, depth 22 ft. Lsd, 2,819.03 ft above msl. Highest water level 9.57, May 3, 1949; lowest water level 19.92, Sept. 17, 1936. Records available: 1934-59. Oct. 7, 10.25.

14-30-9ca. U. S. Geol. Survey. Drilled observation water-table well in sand, diam 1½ in, depth 26 ft. Lsd, 2,832.35 ft above msl. Highest water level 2.24, Mar. 11, 1952; lowest water level 6.05, Sept. 12, 1946. Records available: 1946-59. Oct. 7, 4.18.

14-30-16db. U. S. Geol. Survey. Driven observation water-table well in sand, diam 1½ in, depth 13 ft. Lsd, 2,806.83 ft above msl. Highest water level +0.2, Apr. 24, 1957; lowest water level 3.45, Aug. 13, 1953. Records available: 1946-59. Oct. 7, 1.75.

### Lincoln County--Continued

14-30-21cd. U. S. Geol. Survey. Driven observation water-table well in gravel, diam  $1\frac{1}{2}$  in, depth 13 ft. Lsd, 2,801.50 ft above msl. Highest water level 2.54, Mar. 11, 1952; lowest water level 5.33, Sept. 18, 1953. Records available: 1946-59. Oct. 7, 3.38.

14-30-28dc. U. S. Geol. Survey. Driven observation water-table well in sand, diam  $1\frac{1}{2}$  in, depth 12 ft. Lsd, 2,798.85 ft above msl. Highest water level 4.08, Aug. 7, 1951; lowest water level 7.72, Sept. 18, 1953. Records available: 1946-57, 1959. Oct. 7, 6.20.

14-33-27da. U. S. Geol. Survey. Dug and drilled observation water-table well in alluvium, diam 15 in, depth 10 ft. Lsd, 2,934.06 ft above msl. Highest water level 1.58, June 27, 1949; lowest water level 6.70, Feb. 20-22, 1952. Records available: 1943-59. Dec. 9, 5.92.

15-31-13dd. U. S. Geol. Survey. Drilled observation water-table well in sand and gravel, diam 2 in, depth 60 ft. Highest water level 6.00, Sept. 9, 1958; lowest water level 9.55, Oct. 27, 1941. Records available: 1934-42, 1951-55, 1958-59. Oct. 6, 6.65.

16-31-4ab. U. S. Geol. Survey. Drilled observation water-table well in fine sand, diam 2 in, depth 120 ft. Highest water level 65.48, Oct. 2, 1951; lowest water level 71.11, May 21, 1952. Records available: 1935-42, 1951-59. Oct. 6, 68.56.

### Loup County

21-17-28ab. Fritz Brockman. Drilled irrigation water-table well. Highest water level 27.35, June 17, 1958; lowest water level 30.94, Aug. 29, 1957. Records available: 1957-59. Oct. 28, 28.11.

21-17-32ac. Marcia Smith. Drilled irrigation water-table well in sand and gravel, diam 18 in. Highest water level 21.95, Oct. 15, 1958; lowest water level 24.67, Apr. 15, 1952. Records available: 1950-59. Oct. 28, 22.09.

21-18-18cd. Art Coleman. Drilled irrigation water-table well in gravel, diam 18 in, depth 131 ft. Highest water level 13.90, July 10, 1951; lowest water level 15.21, Aug. 29, 1957. Records available: 1950-53, 1957-59. Oct. 28, 14.85.

21-18-20bd. Charles Ford. Drilled irrigation water-table well in sand and gravel, diam 18 in, depth 115 ft. Highest water level 28.37, July 14, 1953; lowest water level 31.61, Aug. 29, 1957. Records available: 1950-53, 1957-59. Oct. 28, 29.51.

### Loup County--Continued

21-18-22aa. U. S. Geol. Survey. Driven observation water-table well in sand, diam 1 in, depth 15 ft. Highest water level 3.54, Feb. 15, 1952; lowest water level 5.31, July 16, 1940. Records available: 1935-42, 1948, 1950-59. Oct. 28, 4.26.

21-18-26cc. Owner unknown. Drilled irrigation water-table well in sand, diam 18 in. Highest water level 25.15, Oct. 15, 1958; lowest water level 29.26, July 22, 1952. Records available: 1950-53, 1958-59. Oct. 28, 25.45.

21-18-27ba. North Loup Public Power and Irrigation District. Driven observation water-table well in sand, diam 1½ in, depth 7 ft. Highest water level 1.43, Nov. 1, 1950; lowest water level 6.80, Feb. 25, 1953. Records available: 1950-53, 1958-59. Oct. 9, 2.61.

21-18-35ba. Lester Stekel. Drilled irrigation water-table well. Highest water level 33.28, Oct. 15, 1958; lowest water level 33.94, Feb. 25, 1958. Records available: 1951, 1958-59. Oct. 28, 33.62.

21-19-3cd. Emery Garner. Drilled irrigation water-table well in gravel, diam 12 in, depth 110 ft. Highest water level 18.82, June 17, 1958; lowest water level 19.77, Sept. 4, 1957. Records available: 1957-59. Oct. 28, 19.36.

21-19-4bc. Bill Strong. Driven unused water-table well in sand, diam 1½ in, depth 22 ft. Highest water level 8.73, Feb. 9, 1955; lowest water level 12.27, Oct. 15, 1958. Records available: 1951-59. Oct. 9, 12.15.

21-19-13db. Susie Ferguson. Drilled irrigation water-table well in gravel, diam 18 in, depth 132 ft. Highest water level 16.34, Apr. 15, 1952; lowest water level 20.14, July 14, 1952. Records available: 1950-53, 1957-59. Oct. 9, 17.18; Oct. 28, 17.33.

### Madison County

22-1-33cb. Alvin Christian. Drilled unused artesian well in sand, diam 8 in, depth 60 ft. Highest water level +1.68, Mar. 31, 1953; lowest water level 3.25, Aug. 18, 1936. Records available: 1935-51, 1953, 1955-59. Oct. 20, +1.05.

23-2-5aa. John Bredehoft. Dug and driven unused water-table well in sand, diam 1½ in, depth 31 ft. Highest water level 2.93, June 4, 1935; lowest water level 5.24, Sept. 12, 1955. Records available: 1934-37, 1940-42, 1944-59. Oct. 20, 3.95.



### Madison County--Continued

24-4-6dc. Alvin G. Peterson. Drilled irrigation water-table well in sand, diam 18 in, depth 101 ft. Highest water level 23.45, Mar. 13, 1957; lowest water level 25.40, Dec. 1, 1953. Records available: 1951-59. Oct. 20, 24.30.

24-4-25cc. E. C. King. Drilled irrigation water-table well in sand, diam 18 in, depth 115 ft. Highest water level 2.98, Aug. 30, 1951; lowest water level 8.00, Sept. 12, 1955. Records available: 1951-59. Oct. 20, 6.11.

### McPherson County

18-31-16dd. U. S. Geol. Survey. Drilled observation water-table well in fine sand, diam 2 in, depth 120 ft. Highest water level 105.74, Oct. 17, 1937; lowest water level 109.92, Jan. 10, 1951. Records available: 1935-42, 1951-59. Oct. 6, 107.83.

### Merrick County

11-8-3dd. U. S. Geol. Survey. Driven observation water-table well in gravel, diam 1½ in, depth 9 ft. Lsd, 1,795.73 ft above msl. Highest water level 0.55, Mar. 17, 1948; lowest water level 5.47, Nov. 7, 1956. Records available: 1946-59.

| Date    | Water level | Date    | Water level | Date     | Water level | Date    | Water level |
|---------|-------------|---------|-------------|----------|-------------|---------|-------------|
| Jan. 14 | 1.40        | Apr. 14 | 1.83        | July 16  | 2.93        | Oct. 19 | 2.22        |
| Feb. 12 | 1.52        | May 20  | 1.58        | Aug. 14  | 2.97        | Nov. 17 | 2.22        |
| Mar. 2  | g1.10       | 26      | g2.00       | Sept. 15 | 4.06        | Dec. 15 | 2.04        |
| 12      | 1.38        | June 16 | 3.09        | Oct. 13  | g2.25       |         |             |

11-8-8bb. Owner unknown. Drilled irrigation water-table well in sand, diam 24 in, depth 42 ft. Lsd, 1,821.18 ft above msl. Highest water level 8.54, May 1, 1951; lowest water level 12.98, Nov. 7, 1956. Records available: 1947-51, 1953, 1955-59. May 27, g8.92; Oct. 13, g11.26.

12-7-4dc. Owner unknown. Drilled irrigation water-table well in sand, diam 18 in, depth 46 ft. Lsd, 1,756.09 ft above msl. Highest water level 7.51, Apr. 29, 1949; lowest water level 11.11, May 27, 1957. Records available: 1947-51, 1953, 1955-59. May 27, g8.10; Oct. 13, g8.68.

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12-7-7aa. U. S. Geol. Survey. Drilled observation water-table well in sand and gravel, diam 1½ in, depth 13 ft. Lsd, 1,762.16 ft above msl. Highest water level 4.34, July 10, 1947; lowest water level 10.26, Nov. 5, 1956. Records available: 1945-59.

| Date    | Water level | Date    | Water level | Date     | Water level | Date    | Water level |
|---------|-------------|---------|-------------|----------|-------------|---------|-------------|
| Jan. 14 | 8.87        | May 27  | g6.58       | Aug. 14  | 6.40        | Oct. 19 | 6.82        |
| Feb. 12 | 9.02        | June 16 | 6.82        | Sept. 15 | 7.18        | Nov. 17 | 6.99        |
| Mar. 12 | 8.93        | July 16 | 6.54        | Oct. 13  | g6.73       | Dec. 15 | 7.14        |
| Apr. 14 | 8.10        |         |             |          |             |         |             |

12-7-17bc. Owner unknown. Drilled irrigation water-table well in sand, diam 18 in. Lsd, 1,768.40 ft above msl. Highest water level 6.48, Apr. 29, 1949; lowest water level 10.42, Nov. 5, 1956. Records available: 1947-51, 1953, 1955-59. May 27, g6.84; Oct. 13, g7.68.

12-8-7dc. Owner unknown. Drilled irrigation water-table well in sand and gravel, diam 22 in, depth 47 ft. Highest water level 8.51, May 27, 1952; lowest water level 22.07, Nov. 5, 1956. Records available: 1946-59. Mar. 2, g16.72; May 27, g15.45; Oct. 13, g16.84.

12-8-10cc. Owner unknown. Drilled irrigation water-table well in sand, diam 18 in, depth 40 ft. Lsd, 1,792.42 ft above msl. Highest water level 7.04, May 27, 1959; lowest water level 14.45, Sept. 20, 1957. Records available: 1947-50, 1953, 1955-59. May 27, g7.04; Oct. 13, g9.71.

12-8-12cc. Owner unknown. Drilled irrigation water-table well in sand, diam 18 in, depth 32 ft. Lsd, 1,774.70 ft above msl. Highest water level 2.82, Apr. 29, 1949; lowest water level 8.58, Nov. 5, 1956. Records available: 1947-51, 1953, 1955-59. May 27, g3.85; Oct. 13, g4.77.

12-8-20cc. Owner unknown. Drilled irrigation water-table well in sand, diam 24 in, depth 79 ft. Lsd, 1,824.99 ft above msl. Highest water level 17.02, Apr. 29, 1949; lowest water level 27.31, Sept. 20, 1957. Records available: 1947-50, 1953, 1955-59. May 27, g19.95; Oct. 13, g21.78.

12-8-28dc. U. S. Geol. Survey. Driven observation water-table well in sand and gravel, diam 1½ in, depth 12 ft. Lsd, 1,799.83 ft above msl. Highest water level +0.91, July 24, 1951; lowest water level 5.12, Nov. 7, 1956. Records available: 1945-59.

| Date    | Water level | Date    | Water level | Date     | Water level | Date    | Water level |
|---------|-------------|---------|-------------|----------|-------------|---------|-------------|
| Feb. 12 | 3.02        | May 20  | +0.36       | Aug. 14  | 2.42        | Oct. 19 | 2.71        |
| Mar. 2  | g2.92       | 27      | g+0.15      | Sept. 15 | 2.91        | Nov. 17 | 2.64        |
| 12      | 2.80        | June 16 | 1.11        | Oct. 13  | 2.74        | Dec. 15 | 2.47        |
| Apr. 14 | 1.60        | July 16 | 1.43        |          |             |         |             |

Merrick County--Continued

\*12-8-36bc1. U. S. Geol. Survey. Jetted observation water-table well in sand and gravel, diam 6 in, depth 8 ft. Lsd, 1,785.38 ft above msl. Highest water level 1.88, May 9, 1959; lowest water level 5.24, Aug. 13, 1959. Records available: 1958-59.

| Date    | Water level | Date    | Water level | Date     | Water level | Date    | Water level |
|---------|-------------|---------|-------------|----------|-------------|---------|-------------|
| Jan. 31 | 3.97        | Apr. 30 | 3.42        | July 31  | 5.18        | Oct. 31 | 3.95        |
| Feb. 28 | 3.60        | May 31  | 3.08        | Aug. 31  | 4.88        | Nov. 30 | 3.85        |
| Mar. 31 | 2.87        | June 30 | 4.37        | Sept. 30 | 4.70        | Dec. 31 | 3.70        |

13-6-2bc. U. S. Geol. Survey. Driven observation water-table well in sand, diam 1½ in, depth 13 ft. Lsd, 1,687.85 ft above msl. Highest water level 2.86, May 27, 1952; lowest water level 9.15, Nov. 5, 1956. Records available: 1945-59. May 28, g4.06; Oct. 26, g6.14.

13-6-4bb. Owner unknown. Drilled irrigation water-table well in sand, diam 18 in, depth 39 ft. Lsd, 1,704.08 ft above msl. Highest water level 8.53, Apr. 29, 1949; lowest water level 14.61, Nov. 5, 1956. Records available: 1947-51, 1953, 1955-59. May 27, g8.92; Oct. 13, g10.47.

13-6-7bb. U. S. Geol. Survey. Driven observation water-table well in sand, diam 1½ in, depth 13 ft. Lsd, 1,713.73 ft above msl. Highest water level 4.09, July 10, 1947; lowest water level 10.42, Nov. 5, 1956. Records available: 1946-59. Mar. 2, g8.20; May 27, g6.08; Oct. 13, g6.72.

13-6-15cb. Owner unknown. Drilled irrigation water-table well in sand, diam 18 in, depth 46 ft. Lsd, 1,702.74 ft above msl. Highest water level 5.49, Apr. 29, 1949; lowest water level 10.32, Nov. 5, 1956. Records available: 1947-51, 1953, 1955-59. May 27, g5.15; Oct. 26, g7.11.

13-6-19cb. U. S. Geol. Survey. Driven observation water-table well in sand and gravel, diam 1½ in, depth 12 ft. Highest water level 1.75, May 27, 1952; lowest water level 8.62, Nov. 5, 1956. Records available: 1945-59. May 27, g4.49; Oct. 13, g5.04.

13-6-28bb. U. S. Geol. Survey. Driven observation water-table well in fine sand, diam 1½ in, depth 12 ft. Highest water level 5.02, Mar. 27, 1952; lowest water level 9.42, Oct. 4, 1955. Records available: 1946-59. Mar. 2, g6.52; May 27, g5.53; Oct. 26, g6.67.

13-7-4bc. U. S. Geol. Survey. Driven observation water-table well in sand, diam 1½ in, depth 13 ft. Highest water level 2.95, Mar. 9, 1949; lowest water level dry at 11.00, May 24, 1956. Records available: 1946-51, 1953, 1955-59. May 27, g7.22; Oct. 13, g7.52.

\*Recording gage.

Merrick County--Continued

13-7-10cc. Owner unknown. Drilled irrigation water-table well in sand, diam 24 in, depth 69 ft. Lsd, 1,745.02 ft above msl. Highest water level 7.81, Apr. 29, 1949; lowest water level 16.76, Nov. 5, 1956. Records available: 1947-51, 1953, 1956-59. May 27, g11.73; Oct. 26, g12.62.

13-7-16cc. Owner unknown. Drilled irrigation water-table well in sand, diam 18 in, depth 95 ft. Highest water level 11.35, Oct. 26, 1949; lowest water level 19.94, Nov. 5, 1956. Records available: 1949-50, 1955-59. May 27, g15.20; Oct. 13, g16.03.

13-7-22dc. Owner unknown. Drilled irrigation water-table well in sand, diam 18 in, depth 43 ft. Lsd, 1,738.45 ft above msl. Highest water level 2.79, Apr. 29, 1949; lowest water level 10.24, Nov. 5, 1956. Records available: 1947-51, 1953, 1955-59. May 27, g4.89; Oct. 13, g6.54.

13-7-27bc. T. C. Reeves. Irrigation water-table well, depth 47 ft. Highest water level 4.58, May 27, 1959; lowest water level 10.02, Nov. 5, 1956. Records available: 1955-59. May 27, g4.58; Oct. 13, g6.40.

13-7-29cb. U. S. Geol. Survey. Driven observation water-table well in sand, diam 1½ in, depth 11 ft. Lsd, 1,749.49 ft above msl. Highest water level 0.40, Mar. 9, 1949; lowest water level 7.31, Nov. 5, 1956. Records available: 1946-59. May 27, g2.48; Oct. 13, g3.94.

13-7-30cc. Owner unknown. Drilled irrigation water-table well in sand, diam 18 in. Lsd, 1,774.82 ft above msl. Highest water level 14.68, Apr. 29, 1949; lowest water level 21.83, Nov. 5, 1956. Records available: 1947-51, 1955-59. May 27, g18.23; Oct. 13, g18.61.

13-8-1cb. Owner unknown. Drilled irrigation water-table well in sand, diam 24 in, depth 28 ft. Highest water level 2.80, May 27, 1959; lowest water level 9.95, Nov. 7, 1956. Records available: 1950, 1955-59. May 27, g2.80; Oct. 13, g7.42.

13-8-10cd. Owner unknown. Drilled irrigation water-table well in sand, diam 18 in. Lsd, 1,778.63 ft above msl. Highest water level 2.79, Apr. 29, 1949; lowest water level 11.09, Nov. 5, 1956. Records available: 1947-50, 1953, 1955-59. May 27, g6.50; Oct. 13, g8.56.

13-8-14cc. Otto Scheer. Dug irrigation water-table well in sand, diam 24 in, depth 48 ft. Highest water level 7.68, July 22, 1950; lowest water level 18.35, Nov. 5, 1956. Records available: 1950, 1955-59. May 27, g12.37; Oct. 13, g14.00.

13-8-19bb. Owner unknown. Drilled irrigation water-table well in sand, diam 18 in, depth 34 ft. Highest water level 5.70, Oct. 25, 1949; lowest water level 14.22, Nov. 5, 1956. Records available: 1949-50, 1955-59. May 27, g7.36; Oct. 20, g11.62.

Merrick County--Continued

13-8-27dc. Owner unknown. Drilled irrigation water-table well in sand, diam 18 in, depth 58 ft. Lsd, 1,794.11 ft above msl. Highest water level 12.33, Oct. 13, 1950; lowest water level 23.93, Sept. 20, 1957. Records available: 1947-51, 1953, 1955-59. May 27, g16.40.

13-8-32dd. Owner unknown. Drilled irrigation water-table well in sand, diam 24 in. Lsd, 1,803.84 ft above msl. Highest water level 8.78, Oct. 13, 1950; lowest water level 20.15, Nov. 5, 1956. Records available: 1947-48, 1950-51, 1953, 1955-59. May 27, g16.05; Oct. 13, g17.20.

14-4-18bb. U. S. Geol. Survey. Driven observation water-table well in sand, diam 1½ in, depth 12 ft. Lsd, 1,625.85 ft above msl. Highest water level 1.97, Mar. 7, 1949; lowest water level 7.16, Nov. 6, 1956. Records available: 1946-59. Mar. 2, g5.20; May 29, g3.13; Oct. 23, g4.74.

14-5-3dd. U. S. Geol. Survey. Jetted observation water-table well in sand and gravel, diam ¾ in, depth 14 ft. Highest water level 2.13, Apr. 30, 1951; lowest water level 6.73, Nov. 6, 1956. Records available: 1950-51, 1955-59. Mar. 2, g5.08; May 29, g2.36; Oct. 23, g4.63.

14-5-4bb. R. W. Beck. Drilled irrigation water-table well in sand, diam 18 in, depth 26 ft. Highest water level 3.66, May 28, 1959; lowest water level 9.78, Nov. 6, 1956. Records available: 1950, 1955-59. May 28, g3.66; Oct. 23, g5.31.

14-5-4cb. Mrs. Alfa Sampson. Drilled irrigation water-table well in sand, diam 24 in, depth 35 ft. Highest water level 8.70, May 28, 1959; lowest water level 14.75, Nov. 6, 1956. Records available: 1950, 1955-59. May 28, g8.70; Oct. 23, g10.87.

14-5-7bb. U. S. Geol. Survey. Jetted observation water-table well in silty clay and very fine to coarse sand, diam ¾ in, depth 10 ft. Highest water level 2.30, May 28, 1959; lowest water level 6.95, Nov. 6, 1956. Records available: 1950, 1953, 1955-59. May 28, g2.30; Oct. 21, g4.44.

14-5-9cc2. Drilled irrigation water-table well in sand and gravel, diam 18 in, depth 30 ft. Lsd, 1,649.70 ft above msl. Highest water level 4.14, May 27, 1952; lowest water level 9.83, Nov. 6, 1956. Records available: 1947-59. May 28, g4.35; Oct. 27, g6.18.

14-5-15da. Owner unknown. Drilled irrigation water-table well in sand, diam 18 in. Lsd, 1,643.56 ft above msl. Highest water level 4.36, Apr. 29, 1949; lowest water level 9.27, Nov. 6, 1956. Records available: 1947-51, 1953, 1955-59. May 29, g4.65; Oct. 26, g6.02.

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14-5-17dd. U. S. Geol. Survey. Jetted observation water-table well in sandy silt, clay, sand and gravel, diam 3/4 in, depth 18 ft. Highest water level 6.80, May 28, 1959; lowest water level 12.49, Nov. 6, 1956. Records available: 1950, 1955-59. May 28, g6.80; Oct. 26, g8.10.

14-5-19bb. U. S. Geol. Survey. Jetted observation water-table well in sand and gravel, diam 3/4 in, depth 14 ft. Lsd, 1,665.88 ft above msl. Highest water level 4.05, May 28, 1959; lowest water level 8.85, Nov. 6, 1956. Records available: 1950, 1955-59. May 28, g4.05; Oct. 21, g6.00.

14-5-28cb. Owner unknown. Drilled irrigation water-table well in sand, diam 24 in, depth 40 ft. Lsd, 1,659.73 ft above msl. Highest water level 3.68, May 28, 1959; lowest water level 9.00, Nov. 6, 1956. Records available: 1947-51, 1953, 1955-59. May 28, g3.68; Oct. 21, g5.55.

14-5-31bc. Owner unknown. Drilled irrigation water-table well in sand, diam 24 in, depth 32 ft. Lsd, 1,672.25 ft above msl. Highest water level 2.05, Apr. 29, 1949; lowest water level 6.93, Sept. 10, 1953. Records available: 1947-51, 1953, 1955-59. May 28, g2.73; Oct. 21, g4.33.

14-6-2cc. U. S. Geol. Survey. Jetted observation water-table well in silty clay, sand, and gravel, diam 3/4 in, depth 14 ft. Highest water level 1.70, May 2, 1958; lowest water level 7.99, Nov. 6, 1956. Records available: 1950-51, 1955-59. May 28, g3.26; Oct. 21, g4.60.

14-6-4bb. U. S. Geol. Survey. Jetted observation water-table well in silt, sand, and gravel, diam 3/4 in, depth 13 ft. Highest water level 5.83, Aug. 8, 1950; lowest water level dry, Oct. 6, 1955 to May 28, 1957. Records available: 1950, 1955-59. May 28, g7.10; Oct. 21, g9.08.

14-6-9bb. U. S. Geol. Survey. Jetted observation water-table well in sandy silt, sand, and gravel, diam 3/4 in, depth 19 ft. Highest water level 5.85, Aug. 8, 1950; lowest water level 14.33, Nov. 7, 1956. Records available: 1950-51, 1955-59. May 27, g7.65; Oct. 20, g8.32.

14-6-15bb. U. S. Geol. Survey. Driven observation water-table well in sand and gravel, diam 1 1/2 in, depth 13 ft. Lsd, 1,679.85 ft above msl. Highest water level 1.75, May 27, 1959; lowest water level 8.75, Nov. 7, 1956. Records available: 1946-59. May 27, g1.75; Oct. 21, g4.43.

14-6-18bb. U. S. Geol. Survey. Jetted observation water-table well in silt, sand, and gravel, diam 3/4 in, depth 14 ft. Highest water level 4.48, Aug. 8, 1950; lowest water level 9.89, Nov. 7, 1956 and May 28, 1957. Records available: 1950, 1955-59. May 27, g6.58; Oct. 20, g7.19.

14-6-24bc. Owner unknown. Drilled irrigation water-table well in sand, diam 24 in. Lsd, 1,664.54 ft above msl. Highest water level 4.45, Mar. 29, 1947; lowest water level 10.48, Nov. 6, 1956. Records available: 1947-51, 1953, 1955-59. May 28, g6.00; Oct. 21, g7.52.

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14-6-25dd. U. S. Geol. Survey. Jetted observation water-table well in sandy silt, sand, and gravel, diam 3/4 in, depth 14 ft. Highest water level 2.82, May 28, 1959; lowest water level 7.98, Nov. 6, 1956. Records available: 1950, 1955-59. May 28, g2.82; Oct. 26, g4.10.

14-6-28cc. Charron. Drilled irrigation water-table well in sand, diam 48 in, depth 40 ft. Lsd, 1,692.87 ft above msl. Highest water level 3.69, May 1, 1951; lowest water level 8.34, Nov. 7, 1956. Records available: 1947-51, 1953, 1955-59. May 27, g4.23; Oct. 13, g4.80.

14-7-2bb. Lee Ferres. Drilled irrigation water-table well in sand, diam 24 in, depth 32 ft. Highest water level 6.19, May 27, 1959; lowest water level 10.30, Oct. 5, 1955. Records available: 1950, 1955-59. May 27, g6.19; Oct. 20, g8.32.

14-7-5dd. U. S. Geol. Survey. Jetted observation water-table well in sandy silt and very fine sand, diam 3/4 in, depth 23 ft. Highest water level 5.43, Aug. 9, 1950; lowest water level 10.21, Nov. 6, 1956. Records available: 1950, 1955-59. May 27, g5.91; Oct. 20, g8.02.

14-7-8dd. U. S. Geol. Survey. Jetted observation water-table well in silt, clay, sand, and gravel, diam 3/4 in, depth 14 ft. Highest water level 0.15, Apr. 26, 1951; lowest water level 6.24, Nov. 7, 1956. Records available: 1950-52, 1955-59. Mar. 2, g3.39; May 27, g1.48; Oct. 20, g4.44.

14-7-11bb. Owner unknown. Drilled irrigation water-table well in sand, diam 18 in. Lsd, 1,720.34 ft above msl. Highest water level 8.30, Apr. 29, 1949; lowest water level 15.16, Nov. 7, 1956. Records available: 1947-51, 1953, 1955-59. May 27, g8.70; Oct. 20, g9.91.

14-7-11cc. U. S. Geol. Survey. Jetted observation water-table well in silt, clay, sand, and gravel, diam 3/4 in, depth 14 ft. Highest water level 6.01, Aug. 8, 1950; lowest water level dry at 10.00, Oct. 5, 1955 to May 27, 1959. Records available: 1950, 1955-59. May 27, gdry; Oct. 20, g8.40.

14-7-21cb. Henry Tsudy. Drilled irrigation water-table well in gravel, diam 8 in, depth 32 ft. Lsd, 1,737.77 ft above msl. Highest water level 4.16, Apr. 13, 1949; lowest water level 10.69, Nov. 7, 1956. Records available: 1934-42, 1945-59. May 27, g4.3; Oct. 20, g6.4.

14-7-26cc. U. S. Geol. Survey. Driven observation water-table well in sand, diam 1 1/4 in, depth 22 ft. Highest water level 9.58, July 5, 1949; lowest water level dry, Nov. 7, 1956 to May 28, 1957. Records available: 1946-59. Mar. 2, g15.44; May 27, g14.16; Oct. 13, g15.58.

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14-8-12dd. U. S. Geol. Survey. Driven observation water-table well in sandy silt, clay, and sand, diam 3/4 in, depth 21 ft. Highest water level 13.73, Sept. 5, Oct. 31, 1950; lowest water level 18.90, Nov. 7, 1956. Records available: 1950, 1955-59. May 27, g16.40; Oct. 26, g17.25.

14-8-25dd. Owner unknown. Drilled irrigation water-table well in sand, diam 18 in. Lsd, 1,752.55 ft above msl. Highest water level 4.51, Apr. 29, 1949; lowest water level 11.57, Nov. 7, 1956. Records available: 1947-51, 1953, 1955-59. May 27, g5.88; Oct. 13, g8.42.

15-3-6aa. U. S. Geol. Survey. Jetted observation water-table well in silt, sand, and gravel, diam 3/4 in, depth 14 ft. Highest water level 2.07, May 29, 1959; lowest water level 6.36, Nov. 6, 1956. Records available: 1950, 1955-59. May 29, g2.07; Oct. 26, g3.41.

15-4-8bb. Owner unknown. Drilled irrigation water-table well in sand, diam 18 in. Highest water level 25.45, Sept. 28, 1949; lowest water level 33.42, Nov. 6, 1956. Records available: 1949-50, 1955-59. May 29, g26.98; Oct. 26, g29.02.

15-4-8dd. U. S. Geol. Survey. Jetted observation water-table well in silt, sand, and gravel, diam 3/4 in, depth 14 ft. Highest water level 4.48, May 29, 1959; lowest water level 9.82, Nov. 6, 1956. Records available: 1950, 1955-59. May 29, g4.48; Oct. 26, g5.91.

15-4-15aa. U. S. Geol. Survey. Jetted observation water-table well in silt, clay, sand, and gravel, diam 3/4 in, depth 14 ft. Highest water level 1.40, May 29, 1959; lowest water level 6.17, Nov. 5, 1956. Records available: 1950, 1955-59. May 29, g1.40; Oct. 26, g2.47.

15-4-21cc. U. S. Geol. Survey. Drilled irrigation water-table well in sand, diam 24 in, depth 50 ft. Highest water level 4.33, May 29, 1959; lowest water level 8.75, Nov. 5, 1956. Records available: 1950, 1955-59. May 29, g4.33; Oct. 23, g6.27.

15-4-30cc. Drilled irrigation water-table well in sand, diam 18 in, depth 42 ft. Highest water level 5.50, May 29, 1959; lowest water level 10.64, Nov. 6, 1956. Records available: 1950, 1955-59. May 29, g5.50; Oct. 23, g6.90.

15-4-31cc. U. S. Geol. Survey. Driven observation water-table well in sand and gravel, diam 1 1/2 in, depth 12 ft. Lsd, 1,615.79 ft above msl. Highest water level 2.07, May 27, 1952; lowest water level 6.81, Nov. 6, 1956. Records available: 1945-59. May 29, g2.54; Oct. 23, g3.88.

15-4-33bc. Owner unknown. Drilled irrigation water-table well in sand, diam 12 in, depth 20 ft. Lsd, 1,604.59 ft above msl. Highest water level 3.68, Apr. 29, 1949; lowest water level 8.30, Nov. 6, 1956. Records available: 1947-51, 1953, 1956-59. May 29, g3.70; Oct. 23, g4.92.



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15-5-1da. U. S. Geol. Survey. Jetted observation water-table well in silt, clay, sand, and gravel, diam 3/4 in, depth 14 ft. Highest water level 2.15, May 29, 1959; lowest water level 8.60, Nov. 4, 1958. Records available: 1950, 1955-59. May 29, g2.15; Oct. 23, g3.25.

15-5-2cc. U. S. Geol. Survey. Jetted observation water-table well in silty clay and sand, diam 3/4 in, depth 12 ft. Highest water level 2.44, Aug. 1, 1950; lowest water level 9.14, Nov. 6, 1956. Records available: 1950, 1955-59. May 29, g2.91; Oct. 23, g4.30.

15-5-8dd. U. S. Geol. Survey. Driven observation water-table well in sand, diam 1 1/4 in, depth 19 ft. Lsd, 1,650.32 ft above msl. Highest water level 11.15, July 8, 1947; lowest water level 18.00, Nov. 6, 1956. Records available: 1946-59. Mar. 2, g14.44; May 28, g12.65; Oct. 23, g14.10.

15-5-13dd. U. S. Geol. Survey. Jetted observation water-table well in silt, sand, and gravel, diam 3/4 in, depth 11 ft. Highest water level 2.58, May 29, 1959; lowest water level 6.99, Nov. 6, 1956. Records available: 1950, 1955-59. May 29, g2.58; Oct. 23, g4.12.

15-5-16cc. William A. Morris. Drilled irrigation water-table well in gravel, diam 24 in, depth 35 ft. Highest water level 12.33, Aug. 1, 1950; lowest water level 21.22, Nov. 6, 1956. Records available: 1950, 1955-59. May 28, g14.15; Oct. 23, g16.31.

15-5-18cd. Owner unknown. Drilled irrigation water-table well in sand, diam 18 in, depth 52 ft. Lsd, 1,665.93 ft above msl. Highest water level 13.34, Aug. 29, 1950; lowest water level 18.25, Nov. 6, 1956. Records available: 1950, 1955-59. May 28, g13.95; Oct. 23, g16.01.

15-5-21cc. U. S. Geol. Survey. Jetted observation water-table well in clayey silt, sand, and gravel, diam 3/4 in, depth 17 ft. Highest water level 6.28, May 28, 1959; lowest water level 11.98, Nov. 6, 1956. Records available: 1950-52, 1955-59. May 28, g6.28; Oct. 23, g8.10.

15-5-22aa. U. S. Geol. Survey. Jetted observation water-table well in silt, clay and medium to coarse sand, diam 3/4 in, depth 14 ft. Highest water level 6.02, Aug. 1, 1950; lowest water level 10.96, Nov. 6, 1956. Records available: 1950, 1955-59. May 29, g6.06; Oct. 23, g7.52.

15-5-25aa. U. S. Geol. Survey. Jetted observation water-table well in sandy silt, sand, and gravel, diam 3/4 in, depth 14 ft. Highest water level 3.80, May 29, 1959; lowest water level 9.09, Nov. 6, 1956. Records available: 1950, 1955-59. May 29, g3.80; Oct. 23, g5.10.

15-5-30cc. U. S. Geol. Survey. Jetted observation water-table well in silt, sand, and sandy clay, diam 3/4 in, depth 10 ft. Highest water level 3.66, May 2, 1958; lowest water level dry, June 14, 1955 and Nov. 6, 1956 to May 28, 1957. Records available: 1950, 1955-59. May 28, g3.70; Oct. 23, g5.81.

Merrick County--Continued

15-5-32aa. Joe Kiolbasa. Drilled irrigation water-table well in clay and gravel, diam 24 in, depth 33 ft. Highest water level 6.47, May 28, 1959; lowest water level 15.10, May 23, 1956. Records available: 1950, 1955-59. May 28, g6.47; Oct. 23, g8.34.

15-6-14bb. U. S. Geol. Survey. Jetted observation water-table well in silty clay and very fine to coarse sand, diam 3/4 in, depth 24 ft. Highest water level 5.66, July 31, 1950; lowest water level 12.91, Nov. 7, 1956. Records available: 1950, 1955-59. May 28, g7.20; Oct. 21, g8.21.

15-6-14cc. U. S. Geol. Survey. Jetted observation water-table well in silty clay and fine to medium sand, diam 3/4 in, depth 18 ft. Highest water level 2.73, July 31, 1950; lowest water level 10.72, Nov. 7, 1956. Records available: 1950, 1955-59. May 28, g3.26; Oct. 21, g3.97.

15-6-21cc. U. S. Geol. Survey. Jetted observation water-table well in sand and silt, diam 3/4 in, depth 21 ft. Lsd, 1,699.90 ft above msl. Highest water level 12.84, Aug. 8, 1950; lowest water level 16.22, Nov. 7, 1956. Records available: 1950, 1955-59. May 28, g14.09; Oct. 21, g15.24.

15-6-27dd. U. S. Geol. Survey. Jetted observation water-table well in sand and gravel, diam 3/4 in, depth 14 ft. Highest water level 5.03, July 26, 1951; lowest water level 10.46, Nov. 7, 1956. Records available: 1950-52, 1955-59. May 28, g5.41; Oct. 21, g6.48.

15-6-31cc. U. S. Geol. Survey. Jetted observation water-table well in silt, sand, and gravel, diam 3/4 in, depth 14 ft. Highest water level 5.64, Aug. 8, 1950; lowest water level 11.82, Nov. 7, 1956. Records available: 1950, 1955-59. May 27, g7.07; Oct. 21, g8.03.

15-6-32aa. U. S. Geol. Survey. Jetted observation water-table well in sand and gravel, diam 3/4 in, depth 14 ft. Highest water level 4.35, May 28, 1959; lowest water level 8.33, Nov. 7, 1956. Records available: 1950, 1955-59. May 28, g4.35; Oct. 21, g5.42.

15-6-35cc. U. S. Geol. Survey. Jetted observation water-table well in silt, sand, and gravel, diam 3/4 in, depth 14 ft. Highest water level 5.92, May 28, 1959; lowest water level dry, Oct. 6, 1955 to May 28, 1957. Records available: 1950, 1955-59. May 28, g5.92; Oct. 21, g8.01.

15-7-25dd. U. S. Geol. Survey. Jetted observation water-table well in sandy silt, sand, and gravel, diam 3/4 in, depth 14 ft. Highest water level 3.67, Aug. 8, 1950; lowest water level 7.20, Oct. 5, 1955. Records available: 1950, 1955-59. May 28, g5.19; Oct. 26, g6.67.

15-8-33cb. Dinsdale brothers. Drilled irrigation water-table well in sand and gravel, diam 18 in, depth 56 ft. Highest water level 10.38, Feb. 6, 1950; lowest water level 17.25, Nov. 7, 1956. Records available: 1948-59. May 27, g11.90; Oct. 20, g13.79.

### Merrick County--Continued

16-4-32dd. U. S. Geol. Survey. Jetted observation water-table well in silt and very fine to coarse sand, diam 3/4 in, depth 14 ft. Highest water level 1.35, May 29, 1959; lowest water level 6.98, Nov. 6, 1956. Records available: 1950, 1956-59. May 29, g1.35; Oct. 26, g2.22.

### Morrill County

19-48-26dc. Agostino Peonio. Drilled irrigation water-table well in sand, diam 24 in, depth 64 ft. Highest water level 8.76, Oct. 17, 1957; lowest water level 11.24, Apr. 18, 1951. Records available: 1951-53, 1957-59. Oct. 7, 9.05.

19-50-30cd. P. Reuter. Drilled irrigation water-table well in gravel, diam 24 in, depth 81 ft. Highest water level 23.06, Jan. 27, 1950; lowest water level 24.18, July 12, 1949. Records available: 1949-53, 1955, 1957, 1959. Oct. 7, 23.75.

20-49-30ac. Arnold Stewart. Drilled observation water-table well in sand, diam 6 in, depth 56 ft. Highest water level 15.22, Nov. 21, 1949; lowest water level 21.22, June 11, 1946. Records available: 1946-57, 1959. Oct. 7, 19.29.

20-50-17bb. U. S. Geol. Survey. Driven observation water-table well in sand, diam 1½ in, depth 22 ft. Highest water level 9.14, Oct. 7, 1959; lowest water level 15.95, May 9, 1946. Records available: 1946-53, 1957-59. Oct. 7, 9.14.

20-50-28bb. Fred Smith. Drilled unused water-table well in sand and gravel, diam 1½ in, depth 35 ft. Highest water level 11.87, Sept. 7, 1951; lowest water level 17.33, Oct. 26, 1954. Records available: 1934-42, 1944-59. Oct. 7, 12.97.

20-50-32aa. U. S. Geol. Survey. Drilled observation water-table well in sand and gravel, diam 6 in, depth 7 ft. Lsd, 3,666.02 ft above msl. Highest water level 2.00, May 4, 1942; lowest water level dry, July 16, 1954, July 29, 1955, and June 12, 1956. Records available: 1930-59. Feb. 25, g3.82; Mar. 29, g3.77; Apr. 30, g4.01; May 25, g3.81; June 29, g3.77; Sept. 25, g3.79; Oct. 25, g3.92; Nov. 15, 4.00.

Nance County

15-8-1aa. U. S. Bureau of Reclamation. Drilled observation water-table well, diam  $1\frac{1}{2}$  in, depth 141 ft. Lsd, 1,781.37 ft above msl. Highest water level 76.99, Aug. 6, 1959; lowest water level 78.51, Dec. 14, 1959. Records available: 1958-59. June 10, 78.15; July 10, 78.04; Aug. 6, 76.99; Sept. 15, 78.31; Oct. 26, 77.94; Nov. 24, 77.98; Dec. 14, 78.51.

15-8-1dd. U. S. Bureau of Reclamation. Drilled observation water-table well, diam  $1\frac{1}{2}$  in, depth 71 ft. Lsd, 1,728.40 ft above msl. Highest water level 39.82, July 10, 1959; lowest water level 40.37, Oct. 24, 1958. Records available: 1958-59. June 10, 39.89; July 10, 39.82; Aug. 6, 39.89; Sept. 15, 40.07; Oct. 26, 40.28; Nov. 24, 40.26; Dec. 14, 40.26.

15-8-14bc. U. S. Bureau of Reclamation. Drilled observation water-table well. Highest water level 10.94, June 10, 1959; lowest water level 13.37, Oct. 3, 1956. Records available: 1956-59. June 10, 10.94; July 10, 10.95; Aug. 6, 11.38; Sept. 15, 11.71; Oct. 26, 11.65; Nov. 24, 11.91; Dec. 14, 11.96.

16-4-31bc. U. S. Geol. Survey. Driven observation water-table well in sand and gravel, diam  $1\frac{1}{2}$  in, depth 12 ft. Highest water level 3.08, Apr. 22, 1949; lowest water level 9.27, Apr. 18, 1956. Records available: 1948-51, 1953, 1955-59. Oct. 26, 7.69.

16-6-14ad1. C. A. Aldrich. Drilled irrigation water-table well in gravel, diam 10 in, depth 51 ft. Lsd, 1,642.87 ft above msl. Highest water level 25.24, July 1, 1949; lowest water level 30.84, Oct. 26, 1940. Records available: 1936-37, 1939-42, 1947-51, 1956, 1958-59. June 9, 29.28; Sept. 2, 30.02.

16-6-22ab1. A. R. Cuba. Drilled irrigation water-table well in sand, diam 18 in, depth 63 ft. Lsd, 1,657.58 ft above msl. Highest water level 28.89, Nov. 5, 1951; lowest water level 36.65, Sept. 6, 1956. Records available: 1949-51, 1956, 1959. June 15, 31.30; Sept. 8, 34.18.

16-6-22cb. U. S. Bureau of Reclamation. Drilled observation water-table well. Highest water level 3.99, June 10, 1959; lowest water level 6.16, Oct. 3, 1956. Records available: 1956-59. June 10, 3.99; July 10, 4.40; Aug. 6, 4.77; Sept. 16, 5.26; Oct. 26, 5.58; Nov. 24, 5.47; Dec. 14, 5.58.

16-6-30cb. U. S. Bureau of Reclamation. Drilled observation water-table well, diam  $1\frac{1}{2}$  in, depth 61 ft. Lsd, 1,686.51 ft above msl. Highest water level 25.07, June 10, 1959; lowest water level 25.89, Oct. 26, 1959. Records available: 1958-59. June 10, 25.07; July 10, 25.12; Aug. 6, 25.17; Sept. 16, 25.30; Oct. 26, 25.89; Nov. 24, 25.32; Dec. 14, 25.30.

Nance County--Continued

16-7-25dd. U. S. Bureau of Reclamation. Drilled observation water-table well, diam  $1\frac{1}{2}$  in, depth 51 ft. Lsd, 1,671.14 ft above msl. Highest water level 21.70, June 10, 1959; lowest water level 22.43, Oct. 24, 1958. Records available: 1958-59. June 10, 21.70; July 10, 21.87; Aug. 6, 22.04; Sept. 15, 22.30; Oct. 26, 22.39; Nov. 24, 22.38; Dec. 14, 22.38.

16-7-28dd. U. S. Bureau of Reclamation. Drilled observation water-table well, diam  $1\frac{1}{2}$  in. Lsd, 1,738.38 ft above msl. Highest water level 47.15, June 10, 1959; lowest water level 50.49, Sept. 15, 1959. Records available: 1958-59. June 10, 47.15; July 10, 47.44; Aug. 6, 50.31; Sept. 15, 50.49; Oct. 26, 49.19; Nov. 24, 48.08; Dec. 14, 50.40.

16-7-33dd. U. S. Bureau of Reclamation. Drilled observation water-table well, diam  $1\frac{1}{2}$  in, depth 91 ft. Lsd, 1,703.41 ft above msl. Highest water level 30.07, Aug. 21, 1958; lowest water level 30.66, Dec. 14, 1959. Records available: 1958-59. June 10, 30.15; July 10, 30.26; Aug. 6, 30.09; Sept. 15, 30.35; Oct. 26, 30.57; Nov. 24, 30.63; Dec. 14, 30.66.

16-7-34bb. U. S. Bureau of Reclamation. Drilled observation water-table well, diam  $1\frac{1}{2}$  in, depth 71 ft. Lsd, 1,716.72 ft above msl. Highest water level 32.47, Aug. 6, 1959; lowest water level 32.94, Oct. 26, 1959. Records available: 1958-59. June 10, 32.60; July 10, 32.49; Aug. 6, 32.47; Sept. 15, 32.81; Oct. 26, 32.94; Nov. 24, 32.89; Dec. 14, 32.87.

16-7-36ad. U. S. Bureau of Reclamation. Drilled observation water-table well. Highest water level 4.72, June 10, 1959; lowest water level 7.27, Oct. 3, 1956. Records available: 1956-59. June 10, 4.72; July 10, 5.19; Aug. 6, 6.08; Sept. 15, 6.75; Oct. 26, 6.54; Nov. 24, 6.46; Dec. 14, 6.42.

17-4-21bd. Loup Valley Public Power District. Drilled observation water-table well in sand, diam  $1\frac{1}{2}$  in, depth 34 ft. Highest water level 14.52, Apr. 26, 1949; lowest water level 26.89, Nov. 20, 1952. Records available: 1948-52, 1958-59. June 8, 24.62; Sept. 2, 24.54; Oct. 26, 24.51.

17-4-22dd. Loup River Public Power District. Driven observation water-table well in sand, diam  $1\frac{1}{2}$  in, depth 21 ft. Lsd, 1,565.7 ft above msl. Highest water level 5.97, Sept. 2, 1959; lowest water level 11.21, June 25, 1958. Records available: 1950-52, 1958-59. June 8, 6.16; Sept. 2, 5.97; Oct. 26, 10.42.

17-4-23ab. Loup Valley Public Power District. Drilled observation water-table well in sand, diam  $1\frac{1}{2}$  in, depth 15 ft. Highest water level 0.80, July 6, 1949; lowest water level 2.85, Dec. 27, 1951. Records available: 1948-52, 1958-59. June 8, 2.05; Sept. 2, 2.11; Oct. 26, 2.33.

### Nance County--Continued

17-4-25dc. Loup River Public Power District. Driven observation water-table well in sand and gravel, diam  $1\frac{1}{4}$  in, depth 18 ft. Highest water level 9.28, Apr. 26, 1949; lowest water level 12.60, Oct. 14, 1953. Records available: 1948-56, 1958-59. Oct. 26, 11.22.

17-4-31aal. Loup River Public Power District. Driven observation water-table well in sand, diam  $1\frac{1}{4}$  in, depth 17 ft. Lsd, 1,575.9 ft above msl. Highest water level 6.90, July 25, 1950; lowest water level 8.48, Oct. 26, 1959. Records available: 1950-52, 1958-59. Oct. 26, 8.48.

17-5-35dd. Loup River Public Power District. Driven observation water-table well in sand and gravel, diam  $1\frac{1}{4}$  in, depth 16 ft. Highest water level 2.49, July 21, 1959; lowest water level 7.37, Aug. 17, 1954. Records available: 1948-56, 1959. July 21, 2.49; Sept. 4, 2.63.

17-6-19bd. Owner unknown. Drilled domestic water-table well in sand, diam 3 in, depth 69 ft. Highest water level 36.60, May 24, 1950; lowest water level 41.47, Nov. 1, 1949. Records available: 1948-51, 1958-59. June 9, 40.34.

17-6-34ad. William Christiansen. Drilled domestic water-table well in sand and gravel, diam 3 in, depth 77 ft. Highest water level 40.30, May 24, 1950; lowest water level 45.15, Oct. 31, 1942. Records available: 1935-42, 1948-51, 1953, 1955-59. June 9, 44.6; Sept. 2, 44.68.

17-7-1ac. Anderson. Drilled domestic water-table well in sand, diam 4 in, depth 58 ft. Highest water level 36.54, Nov. 5, 1951; lowest water level 41.56, Nov. 1, 1949. Records available: 1949-56, 1958-59. June 9, 37.48; Sept. 2, 38.81.

18-4-19ab. Homer Peterson. Drilled stock water-table well in sand, diam 4 in, depth 42 ft. Highest water level 6.05, July 25, 1950; lowest water level 16.48, Apr. 18, 1956. Records available: 1948-59. Oct. 26, 11.40.

### Nuckolls County

1-6-31cc. U. S. Geol. Survey. Driven observation water-table well in sand, diam  $1\frac{1}{4}$  in, depth 13 ft. Lsd, 1,548.12 ft above msl. Highest water level 8.46, Sept. 28, 1951; lowest water level 12.53, Dec. 21, 1948. Records available: 1947-59. May 11, 10.45; Sept. 1, 10.34; Oct. 28, 11.36.

Nuckolls County--Continued

1-7-32bb. U. S. Bureau of Reclamation. Drilled and jetted observation water-table well in sand, diam  $1\frac{1}{2}$  in, depth 12 ft. Lsd, 1,576.90 ft above msl. Highest water level 0.09, June 26, 1951; lowest water level 6.68, Sept. 26, 1956. Records available: 1947-59. May 1, g3.88; June 25, g4.11; Aug. 27, g5.30; Oct. 27, g4.79.

1-8-7dd. U. S. Geol. Survey. Drilled observation water-table well in loess, diam  $1\frac{1}{2}$  in, depth 12 ft. Highest water level +0.03, May 4, 1959; lowest water level 7.08, Sept. 19, 1955. Records available: 1946-59. May 4, g+0.03; July 1, g4.04; Sept. 2, g5.91; Oct. 14, 2.94; Oct. 29, g3.82.

1-8-23ab. U. S. Geol. Survey. Drilled observation water-table well in silt, loess, and clay, diam 8 in, depth 18 ft. Lsd, 1,598.15 ft above msl. Highest water level 0.02, July 29, 1951; lowest water level 7.91, July 8-9, 1950. Records available: 1950-59. Recording gage removed Jan. 1, 1959.

| Date    | Water level | Date   | Water level | Date   | Water level | Date     | Water level |
|---------|-------------|--------|-------------|--------|-------------|----------|-------------|
| Jan. 7  | 4.10        | Apr. 8 | 2.72        | May 14 | 1.00        | July 23  | 2.30        |
| Feb. 24 | 3.75        | May 12 | .77         | May 25 | .67         | Sept. 30 | .85         |

4-7-26aa. W. N. Statz. Drilled unused water-table well in sand, diam 6 in, depth 72 ft. Highest water level 50.54, Mar. 1, 1954; lowest water level 56.55, Dec. 31, 1946. Records available: 1935-41, 1946, 1954-56, 1958-59. Oct. 15, 51.48.

Pawnee County

A2-11-8aa. Norbert Puhalla. Dug stock water-table well in alluvium, diam 42 in, depth 32 ft. Highest water level 10.84, Oct. 24, 1944; lowest water level 28.56, Oct. 6, 1937. Records available: 1934-40, 1942, 1944, 1946, 1953, 1955, 1957-59. Nov. 27, 13.17.

A2-11-8ad. Norbert Puhalla. Driven observation water-table well in valley fill, diam  $1\frac{1}{2}$  in, depth 23 ft. Highest water level 2.46, Mar. 1, 1955; lowest water level 11.36, Dec. 18, 1956. Records available: 1940-42, 1944, 1946, 1954-56, 1958-59. Nov. 27, 2.60.

### Perkins County

11-39-35ddd. August Lagler. Drilled unused water-table well in gravel, diam 3 in, depth 199 ft. Highest water level 153.59, Dec. 16, 1957; lowest water level 162.10, Apr. 29, 1935. Records available: 1934-42, 1952-59. Oct. 13, 155.70.

### Phelps County

5-18-2cc. C. M. Brown. Drilled irrigation water-table well in sand, diam 18 in, depth 185 ft. Lsd, 2,326.84 ft above msl. Highest water level 153.62, Oct. 12, 1959; lowest water level 159.81, Sept. 8, 1948. Records available: 1947-51, 1954-59. Oct. 12, 153.62.

6-19-2aa. Central Nebraska Public Power and Irrigation District. Drilled observation water-table well in sand, diam 1 in, depth 151 ft. Lsd, 2,360.81 ft above msl. Highest water level 71.70, Oct. 12, 1959; lowest water level 123.70, Mar. 9, 1945. Records available: 1945-56, 1958-59. Oct. 12, 71.70.

8-18-16cc. Gus A. Nelson. Drilled irrigation water-table well in sand, diam 24 in, depth 38 ft. Lsd, 2,251.87 ft above msl. Highest water level 5.91, May 22, 1952; lowest water level 9.26, Aug. 9, 1946. Records available: 1946-56, 1959. June 3, g6.28; Oct. 27, g7.03.

### Pierce County

27-3-33ad. Village of Foster. Drilled domestic water-table well in sand and gravel, diam 4 in, depth 45 ft. Highest water level 1.50, June 4, 1935; lowest water level 4.75, Aug. 23, 1934. Records available: 1934-42, 1946, 1953, 1955-57, 1959. Sept. 21, 4.50.

### Platte County

A18-1-28cd. Loup River Public Power District. Drilled observation water-table well in sand, diam 2 in, depth 99 ft. Lsd, 1,511.8 ft above msl. Highest water level 60.30, Mar. 27, Apr. 24, 1940; lowest water level 72.81, Oct. 9, 1958. Records available: 1935-40, 1942-53, 1956-59. Dec. 2, 72.68.



Platte County--Continued

16-2-1cb. Owner unknown. Observation water-table well, diam  $1\frac{1}{4}$  in, depth 16 ft. Lsd, 1,489.11 ft above msl. Highest water level 1.86, Apr. 15, 1949; lowest water level 8.46, Nov. 28, 1956. Records available: 1947-50, 1956, 1958-59. Dec. 2, 6.68.

16-2-9cc. John F. Nyffeler. Drilled irrigation water-table well in sand and gravel, diam 24 in, depth 38 ft. Lsd, 1,508.17 ft above msl. Highest water level 0.39, Apr. 15, 1949; lowest water level 5.13, Nov. 28, 1956. Records available: 1946-56, 1958-59. Dec. 2, 3.60.

16-2-12ab. Herman Ernst. Driven domestic water-table well in sand and gravel, diam  $1\frac{1}{4}$  in, depth 17 ft. Lsd, 1,488.63 ft above msl. Highest water level 6.24, Apr. 15, 1949; lowest water level 12.68, Nov. 28, 1956. Records available: 1934-42, 1944-56, 1958-59. Dec. 2, 10.05.

17-1-2cc. Loup River Public Power District. Driven observation water-table well in sand, diam  $1\frac{1}{4}$  in, depth 22 ft. Lsd, 1,468.4 ft above msl. Highest water level 6.80, Apr. 13, 1942; lowest water level 13.29, Oct. 8, 1936. Records available: 1935-40, 1942-52, 1954-55, 1957, 1959. Dec. 2, 11.35.

17-1-14cc. Loup River Public Power District. Driven observation water-table well in sand and gravel, diam  $1\frac{1}{4}$  in, depth 20 ft. Lsd, 1,464.2 ft above msl. Highest water level 9.06, July 7, 1947; lowest water level 11.50, Sept. 10, 1940. Records available: 1935-40, 1942-51, 1956, 1958-59. Dec. 2, 10.43.

17-1-34dc. J. C. Ernst. Drilled irrigation water-table well in sand and gravel, diam 24 in, depth 65 ft. Lsd, 1,458.86 ft above msl. Highest water level 6.29, July 7, 1947; lowest water level 12.28, Nov. 28, 1956. Records available: 1945-56, 1958-59. Dec. 2, 9.08.

17-2-2cd. Ernest Schacher. Driven observation water-table well in sand and gravel, diam 3 in, depth 44 ft. Lsd, 1,480.34 ft above msl. Highest water level 4.58, July 8, 1947; lowest water level 12.56, Oct. 9, 1958. Records available: 1934-42, 1946-51, 1954, 1958-59. Dec. 2, 7.33.

17-2-6bd. Loup River Public Power District. Driven observation water-table well in sand, diam  $1\frac{1}{4}$  in, depth 23 ft. Highest water level 12.53, June 6, 1949; lowest water level 14.53, Aug. 8, 1949. Records available: 1948-52, 1954-55, 1957-59. Dec. 2, 13.70.

17-2-24cb. Loup River Public Power District. Driven observation water-table well in sand, diam  $1\frac{1}{4}$  in, depth 19 ft. Lsd, 1,486.51 ft above msl. Highest water level 8.56, June 6, 1949; lowest water level 12.15, Dec. 2, 1959. Records available: 1947-50, 1959. Dec. 2, 12.15.

## Platte County--Continued

17-3-23ad. Jack Horner. Drilled irrigation water-table well in sand and gravel, diam 24 in, depth 48 ft. Highest water level 12.17, May 12, 1954; lowest water level 19.26, Nov. 28, 1956. Records available: 1947-52, 1954-59. Dec. 2, 16.04.

## Polk County

13-1-10db. White. Drilled irrigation water-table well in sand, diam 18 in, depth 182 ft. Highest water level 91.70, Oct. 18, 1949; lowest water level 96.30, Nov. 25, 1959. Records available: 1949, 1956, 1959. Nov. 25, 96.30.

13-2-6dd. Erickson brothers. Drilled irrigation water-table well in sand and gravel, diam 18 in, depth 203 ft. Lsd, 1,674.15 ft above msl. Highest water level 70.04, Mar. 15, 1950; lowest water level 73.21, Nov. 25, 1959. Records available: 1948-50, 1959. Nov. 25, 73.21.

13-2-30dc. Carlson brothers. Drilled unused water-table well, diam 18 in, depth 145 ft. Highest water level 78.53, Mar. 10, 1953; lowest water level 84.92, Nov. 25, 1959. Records available: 1953, 1959. Nov. 25, 84.92.

13-3-30aa. Elmer Richter. Drilled irrigation water-table well in sand, diam 18 in, depth 200 ft. Lsd, 1,717.94 ft above msl. Highest water level 75.85, Mar. 15, 1950; lowest water level 80.83, Nov. 25, 1959. Records available: 1948-50, 1959. Nov. 25, 80.83.

13-4-27bb. Jerold Ruzicka. Drilled irrigation water-table well in sand and gravel, diam 18 in, depth 142 ft. Highest water level 60.77, Mar. 15, 1950; lowest water level 78.04, Oct. 9, 1958. Records available: 1949-50, 1952-55, 1957-59. Nov. 25, 77.58.

13-4-34cc. U. S. Geol. Survey. Driven observation water-table well in clay and sand, diam 1 in, depth 24 ft. Lsd, 1,671.63 ft above msl. Highest water level 5.73, Apr. 27, 1949; lowest water level 14.21, Nov. 29, 1956. Records available: 1937-41, 1944, 1946, 1948-50, 1956, 1958-59. Nov. 25, 13.27.

14-2-12cc. Albert Anderson. Drilled irrigation water-table well in sand, diam 22 in, depth 190 ft. Lsd, 1,657.95 ft above msl. Highest water level 108.65, Apr. 27, 1949; lowest water level 115.54, Nov. 29, 1956. Records available: 1948-50, 1955-56, 1959. Nov. 25, 115.04.

### Polk County--Continued

\*14-2-21db. U. S. Geol. Survey. Recording gage installed Oct. 26, 1959. Drilled observation water-table well in fine sand, diam 5 in, depth 180 ft. Highest water level 83.69, Dec. 27, 1959; lowest water level 84.79, Oct. 26-27, 1959. Records available: 1959. Oct. 31, 84.65; Nov. 30, 84.10; Dec. 31, 83.93.

14-3-26ad. Albert Swanson. Drilled irrigation water-table well in clay and gravel, diam 18 in, depth 126 ft. Lsd, 1,681.20 ft above msl. Highest water level 66.13, Mar. 15, 1950; lowest water level 73.05, Nov. 25, 1959. Records available: 1948-50, 1959. Nov. 25, 73.05.

14-4-4da. U. S. Geol. Survey. Driven observation water-table well in sand, diam 1½ in, depth 12 ft. Lsd, 1,607.02 ft above msl. Highest water level 4.93, Mar. 31, 1952; lowest water level 9.02, Nov. 28, 1956. Records available: 1949-53, 1956, 1958-59. Nov. 25, 6.41.

14-4-19ab. U. S. Geol. Survey. Drilled observation water-table well in sand, diam 1½ in, depth 13 ft. Lsd, 1,626.55 ft above msl. Highest water level 2.32, Mar. 7, 1949; lowest water level 6.49, Oct. 9, 1958. Records available: 1946-55, 1957-59. Nov. 25, 6.35.

15-2-4dc. Owner unknown. Drilled irrigation water-table well in fine sand, diam 18 in, depth 51 ft. Lsd, 1,521.13 ft above msl. Highest water level 3.36, Apr. 19, 1949; lowest water level 9.49, Nov. 28, 1956. Records available: 1946-53, 1956, 1958-59. Nov. 25, 7.47.

15-3-20cc. Ray Norris. Dug irrigation water-table well in sand, diam 12 in, depth 21 ft. Lsd, 1,582.83 ft above msl. Highest water level 4.31, Apr. 20, 1949; lowest water level 9.33, Sept. 22, 1953. Records available: 1946-59. Nov. 25, 6.08.

16-1-36cd. Hazel Bugham. Drilled irrigation water-table well in sand, diam 18 in, depth 108 ft. Lsd, 1,493.66 ft above msl. Highest water level 19.32, July 7, 1947; lowest water level 25.75, Nov. 28, 1956. Records available: 1946-53, 1956, 1958-59. Nov. 25, 20.03.

### Redwillow County

\*2-29-4ad. Rex S. Haberman. Recording gage removed by U. S. Bureau of Reclamation. Drilled unused water-table well in sand, diam 26 in, depth 40 ft. Highest water level 27.58, May 27 to June 2, 1952; lowest water level 37.10, July 11, 1953. Records available: 1950-59. Jan. 5, 29.85; Mar. 24, g,h29.40; Oct. 14, h31.23.

\*Recording gage.

### Redwillow County--Continued

3-27-17cb. U. S. Geol. Survey. Drilled observation water-table well in sand, diam  $1\frac{1}{4}$  in, depth 16 ft. Lsd, 2,366.88 ft above msl. Highest water level 6.54, June 19, 1957; lowest water level 11.56, July 16, 1954. Records available: 1946-59. Feb. 19, g8.97; Apr. 16, g9.14; June 17, g9.73; Aug. 18, g10.33; Oct. 16, g10.29; Dec. 11, g10.25.

3-28-20bb2. Leo D. England. Former recording well. Drilled unused water-table well in sand, diam 14 in, depth 36 ft. Highest water level 5.53, Sept. 9-10, 1951; lowest water level 9.70, Oct. 15, 20, 1956. Records available: 1950-59. Dec. 9, 8.06.

3-29-32db. U. S. Geol. Survey. Drilled observation water-table well in sand, diam 1 in, depth 20 ft. Highest water level 4.54, Aug. 13, 1950; lowest water level 9.54, Aug. 13, 1954. Records available: 1940-44, 1946-59. Jan. 12, g5.90; Mar. 23, g5.80; Sept. 10, g6.20; Oct. 20, g7.00.

3-30-29aa. U. S. Geol. Survey. Drilled observation water-table well in sand, diam  $1\frac{1}{4}$  in, depth 12 ft. Lsd, 2,512 ft above msl. Highest water level 1.81, May 5, 1952; lowest water level 6.43, Oct. 10, 1956. Records available: 1946-59. Apr. 22, g2.40; Sept. 9, g5.60.

### Richardson County

A1-15-12dd. U. S. Geol. Survey. Driven observation water-table well in sand, diam 3 in, depth 17 ft. Lsd, 897.05 ft above msl. Highest water level +0.60, Nov. 18, 1958; lowest water level 7.61, Aug. 19, 1940. Records available: 1936-44, 1946, 1953, 1955-59. Nov. 27, +0.42.

A1-17-16bb. U. S. Geol. Survey. Driven observation water-table well in sand and gravel, diam 1 in, depth 40 ft. Lsd, 873.59 ft above msl. Highest water level 6.10, May 19, 1936; lowest water level 20.12, Oct. 29, 1940. Records available: 1934-41, 1944, 1953-59. Nov. 27, 7.93.

A2-13-4cd. U. S. Geol. Survey. Driven observation water-table well in alluvium, diam 3 in, depth 19 ft. Lsd, 980.29 ft above msl. Highest water level 3.16, Mar. 1, 1955; lowest water level 13.92, Dec. 18, 1956. Records available: 1936-42, 1944, 1946, 1953-59. Nov. 27, 7.59.

A2-13-9bb. U. S. Geol. Survey. Driven observation water-table well in sand and gravel, diam 3 in, depth 25 ft. Highest water level 20.34, Oct. 24, 1944; lowest water level dry, Nov. 22, 1955. Records available: 1936-38, 1944, 1946, 1953-55, 1959. Nov. 27, 21.45.

### Richardson County--Continued

A2-14-27ab. W. L. Hogue. Dug domestic and stock water-table well, diam 24 in, depth 35 ft. Highest water level 21.27, May 19, 1936; lowest water level 32.47, Dec. 18, 1956. Records available: 1934-44, 1946, 1953-59. Nov. 27, 24.80.

### Rock County

30-17-8db. U. S. Geol. Survey. Driven observation water-table well in sand, diam 1 in, depth 15 ft. Lsd, 2,235.70 ft above msl. Highest water level 0.50, Mar. 24, 1951; lowest water level 5.12, Nov. 22, 1935. Records available: 1934-59. Oct. 20, 3.79.

30-19-10aa. U. S. Geol. Survey. Driven observation water-table well in sand, diam 1½ in, depth 15 ft. Lsd, 2,304.89 ft above msl. Highest water level +0.91, Feb. 28, 1952; lowest water level 4.23, July 19, 1940. Records available: 1940, 1944-59. Oct. 20, 2.83.

### Saline County

A7-3-30ad. Adolph Kohout. Driven unused water-table well, diam 8 in, depth 67 ft. Highest water level 34.01, Dec. 16, 1953; lowest water level 52.88, Oct. 16, 1940. Records available: 1935-42, 1944, 1946, 1953, 1955-56, 1958-59. Nov. 30, 35.00.

\*A8-3-19ad. U. S. Geol. Survey. Recording gage installed Oct. 27, 1959. Drilled observation water-table well in sand and gravel, diam 5 in, depth 151 ft. Highest water level 98.21, Dec. 25, 1959; lowest water level 99.21, Nov. 5, 1959. Records available: 1959. Oct. 31, 98.92; Nov. 30, 98.65; Dec. 31, 98.57.

### Sarpy County

A14-12-26cc. Mrs. S. W. Arbuthnot. Dug and drilled unused water-table well, diam 36 in, depth 48 ft. Highest water level 22.06, Sept. 21, 1959; lowest water level 40.24, Oct. 8, 1941. Records available: 1934-42, 1946, 1953-56, 1958-59. Sept. 21, 22.06.

\*Recording gage.

# Saunders County

A13-9-11dd. City of Lincoln. Driven observation water-table well in sand and gravel, diam  $1\frac{1}{2}$  in, depth 12 ft. Lsd, 1,071.69 ft above msl. Highest water level 1.60, Mar. 17, 1936; lowest water level 9.24, Nov. 18, 1939. Records available: 1934-42, 1944, 1946, 1953-56, 1958-59. Sept. 21, 3.65; Dec. 3, 3.93.

A13-9-24cc. City of Lincoln. Drilled observation water-table well in sand, diam  $1\frac{1}{2}$  in, depth 12 ft. Lsd, 1,065.22 ft above msl. Highest water level 0.48, July 31, 1948; lowest water level 8.49, Sept. 25, 1955. Records available: 1933-59.

| Date    | Water level | Date    | Water level | Date     | Water level | Date    | Water level |
|---------|-------------|---------|-------------|----------|-------------|---------|-------------|
| Jan. 25 | 4.89        | Apr. 25 | 2.70        | July 25  | 2.88        | Oct. 25 | 4.37        |
| Feb. 25 | 4.64        | May 25  | .74         | Aug. 25  | 2.70        | Nov. 25 | 4.40        |
| Mar. 25 | 3.30        | June 25 | 3.49        | Sept. 25 | 4.27        | Dec. 25 | 4.53        |

A13-9-24ccd. City of Lincoln. Driven observation water-table well. Highest water level 9.00, Dec. 3, 1959; lowest water level 10.61, Sept. 25, 1956. Records available: 1956, 1959. Dec. 3, 9.00.

A13-9-24dc. City of Lincoln. Driven observation water-table well in sand and gravel, diam  $1\frac{1}{2}$  in. Lsd, 1,067.19 ft above msl. Highest water level 4.74, Mar. 19, 1940; lowest water level 17.29, Oct. 24, 1955. Records available: 1934-42, 1944, 1946, 1953-56, 1958-59. Sept. 21, 13.52; Dec. 3, 12.38.

\*A13-10-30ad. City of Lincoln. Drilled observation water-table well in gravel, diam 8 in, depth 20 ft. Lsd, 1,066.01 ft above msl. Highest water level 3.97, May 12, 1953; lowest water level 11.70, Sept. 2-4, 1955. Records available: 1950-59.

| Date    | Water level | Date    | Water level | Date     | Water level | Date    | Water level |
|---------|-------------|---------|-------------|----------|-------------|---------|-------------|
| Jan. 31 | 8.16        | Apr. 30 | 8.41        | July 31  | 10.52       | Oct. 31 | 9.03        |
| Feb. 28 | 7.40        | May 31  | 7.28        | Aug. 31  | 10.00       | Nov. 30 | 8.56        |
| Mar. 31 | 7.87        | June 30 | 8.60        | Sept. 30 | 9.65        | Dec. 31 | 8.83        |

A14-5-35cd. U. S. Geol. Survey. Driven observation water-table well, diam  $1\frac{1}{2}$  in, depth 26 ft. Highest water level 2.50, Dec. 30, 1946; lowest water level 14.49, Oct. 15, 1940. Records available: 1935-42, 1944, 1946, 1953-59. Sept. 25, 4.20; Nov. 25, 4.40.

A17-5-23bc. U. S. Geol. Survey. Driven observation water-table well, diam  $1\frac{1}{2}$  in, depth 12 ft. Highest water level 3.67, May 2, 1951; lowest water level 7.11, Oct. 24, 1955. Records available: 1950-59. Sept. 25, 5.27; Nov. 25, 4.98.

\*Recording gage.

### Scotts Bluff County

22-54-32ab. B. J. Pieper. Drilled irrigation water-table well in coarse gravel, diam 24 in, depth 45 ft. Highest water level 7.59, Aug. 28, 1937; lowest water level 10.98, Apr. 5, 1938. Records available: 1937-38, 1945, 1951, 1953-59. Oct. 7, 9.06.

22-56-4dd. U. S. Geol. Survey. Drilled observation water-table well, diam 1 in, depth 20 ft. Highest water level 2.01, Sept. 20, 1953; lowest water level 8.45, Apr. 7, 1937. Records available: 1936-37, 1939-42, 1944-45, 1953-59. Oct. 7, 3.44.

23-56-6aa. Carl Gompert. Drilled irrigation water-table well in alluvium, diam 18 in, depth 118 ft. Lsd, 4,087.7 ft above msl. Highest water level 29.24, Oct. 26, 1949; lowest water level 40.53, Oct. 11, 1956. Records available: 1948-59. Oct. 7, 37.15.

23-56-28ad. U. S. Geol. Survey. Drilled observation water-table well in gravel, diam 1 in, depth 18 ft. Highest water level 8.69, Nov. 8, 1940; lowest water level 9.90, Apr. 16, 1951. Records available: 1936-42, 1944-45, 1951, 1953-59. Oct. 7, 9.34.

### Seward County

\*A11-2-21dd. U. S. Geol. Survey. Drilled observation water-table well in sand, diam 5 in, depth 123 ft. Highest water level 77.71, May 31, 1958; lowest water level 82.70, Aug. 23, 1959. Records available: 1958-59.

| Date    | Water level | Date    | Water level | Date     | Water level | Date    | Water level |
|---------|-------------|---------|-------------|----------|-------------|---------|-------------|
| Jan. 31 | 78.88       | Apr. 30 | 78.13       | July 31  | 81.52       | Oct. 31 | 79.87       |
| Feb. 28 | 78.42       | May 31  | 78.25       | Aug. 31  | 81.71       | Nov. 30 | 79.33       |
| Mar. 31 | 78.30       | June 30 | 78.16       | Sept. 30 | 80.44       | Dec. 31 | 79.20       |

A11-2-23cc. August Rolfmeier. Drilled irrigation water-table well in sand and gravel, diam 18 in, depth 127 ft. Highest water level 76.98, Apr. 23, 1952; lowest water level 82.81, Sept. 15, 1958. Records available: 1948-59. Nov. 19, 81.74.

### Sheridan County

24-41-34da. U. S. Geol. Survey. Driven observation water-table well in sand, diam 1 in, depth 13 ft. Highest water level 5.52, June 8, 1935; lowest water level 9.37, Oct. 21, 1941. Records available: 1934-42, 1944-59. Oct. 9, 7.87.

\*Recording gage.

Sheridan County--Continued

24-42-27ba2. U. S. Geol. Survey. Jetted observation water-table well in fine sand, diam 3/4 in, depth 17 ft. Highest water level 8.47, Sept. 4, 1958; lowest water level 8.75, Oct. 9, 1959. Records available: 1958-59. Oct. 9, 8.75.

24-43-15ac. U. S. Geol. Survey. Jetted observation water-table well in fine sand, diam 3/4 in, depth 17 ft. Highest water level 8.15, Sept. 4, 1958; lowest water level 9.04, Oct. 2, 1958. Records available: 1958-59. Oct. 9, 8.92.

24-44-14dc. U. S. Geol. Survey. Jetted observation water-table well in fine sand, diam 3/4 in, depth 10 ft. Highest water level 3.81, Oct. 2, 1958; lowest water level 3.99, Oct. 9, 1959. Records available: 1958-59. Oct. 9, 3.99.

24-44-18bb. U. S. Geol. Survey. Driven observation water-table well in sand, diam 1 1/2 in, depth 12 ft. Highest water level 3.80, May 11, 1949; lowest water level 6.08, Oct. 17, 1955. Records available: 1946-59. Oct. 9, 5.18.

24-45-8cd. U. S. Geol. Survey. Jetted observation water-table well in fine sand, diam 3/4 in, depth 22 ft. Highest water level 3.66, Oct. 9, 1959; lowest water level 4.01, Oct. 2, 1958. Records available: 1958-59. Oct. 9, 3.66.

24-46-10cb. U. S. Geol. Survey. Driven observation water-table well in sand, diam 1 1/2 in, depth 12 ft. Highest water level 2.26, Apr. 4, 1946; lowest water level 7.35, Aug. 15, 1946. Records available: 1946-59. Oct. 9, 6.28.

25-45-32ad. J. Herrian. Drilled unused water-table well in sand, diam 4 in, depth 106 ft. Highest water level 31.50, July 15-16, 1949; lowest water level 34.10, Sept. 20, 1954. Records available: 1946-59. Oct. 9, 33.29.

\*29-46-10aa. U. S. Geol. Survey. Drilled observation water-table well in sand, diam 6 in, depth 100 ft. Highest water level 35.99, Dec. 25, 1959; lowest water level 38.95, May 29, 1954. Records available: 1953-59.

| Date    | Water level | Date    | Water level | Date     | Water level | Date    | Water level |
|---------|-------------|---------|-------------|----------|-------------|---------|-------------|
| Jan. 31 | 36.74       | July 31 | 37.11       | Sept. 30 | 36.33       | Nov. 30 | 36.18       |
| Feb. 25 | 36.73       | Aug. 31 | 36.58       | Oct. 31  | 36.18       | Dec. 31 | 36.09       |
| June 30 | 37.25       |         |             |          |             |         |             |

\*Recording gage.



### Sheridan County--Continued

29-46-11dcc. Andrew Young. Drilled domestic water-table well in sand, diam 6 in. Highest water level 35.43, Oct. 8, 1959; lowest water level 42.50, May 3, 1950. Records available: 1950-57, 1959. Oct. 8, 35.43.

31-46-8ad. U. S. Geol. Survey. Driven observation water-table well in sand, diam 1 in, depth 15 ft. Highest water level 2.09, Jan. 29, 1952; lowest water level 6.20, Nov. 1, 1940. Records available: 1936-42, 1944-47, 1951-59. Oct. 8, 3.38.

### Sherman County

13-13-4dc. Thomas. Drilled stock water-table well in sand, diam 4 in, depth 190 ft. Lsd, 2,083.92 ft above msl. Highest water level 120.51, Feb. 12, 1952; lowest water level 123.86, Oct. 30, 1958. Records available: 1949-55, 1957-59. Oct. 23, 123.35.

13-13-15cb. U. S. Geol. Survey. Jetted observation water-table well in sand, diam 3/4 in, depth 21 ft. Lsd, 1,965.09 ft above msl. Highest water level 11.28, Mar. 26, 1957; lowest water level 16.63, Feb. 17, 1953. Records available: 1950-51, 1953, 1957-59. Oct. 23, 16.17.

13-15-29ad. U. S. Geol. Survey. Jetted observation water-table well in sand, diam 3/4 in, depth 29 ft. Lsd, 2,063.42 ft above msl. Highest water level 4.64, Sept. 8, 1950; lowest water level 8.57, Feb. 18, 1953. Records available: 1950-53, 1958-59. Oct. 22, 7.44.

14-14-8ac. Claude Zimmerman. Drilled irrigation water-table well in sand, diam 18 in, depth 155 ft. Lsd, 2,032.77 ft above msl. Highest water level 5.79, Aug. 16, 1950; lowest water level 9.71, Oct. 31, 1958. Records available: 1948-55, 1957-59. Oct. 22, 9.08.

14-14-23cb. Lee Heil. Drilled irrigation water-table well in gravel, diam 18 in, depth 85 ft. Lsd, 2,009.41 ft above msl. Highest water level 10.88, June 26, 1949; lowest water level 12.74, Feb. 16, 1955. Records available: 1949-51, 1955, 1957-59. Oct. 23, 12.06.

14-16-23bb. Henry Franssen. Drilled irrigation water-table well in sand, diam 18 in, depth 123 ft. Lsd, 2,159.36 ft above msl. Highest water level 39.15, Sept. 19, 1951; lowest water level 43.04, Mar. 22, 1957. Records available: 1950-59. Oct. 22, 42.16.

15-14-19ab. U. S. Geol. Survey. Jetted observation water-table well in sand, diam 3/4 in, depth 21 ft. Lsd, 2,060.58 ft above msl. Highest water level 10.30, Aug. 16, 1950; lowest water level 14.35, Dec. 14, 1959. Records available: 1949-53, 1959. May 18, g12.20; July 20, g14.00; Aug. 19, g13.00; Sept. 21, g13.00; Oct. 22, g13.68; Nov. 17, g14.10; Dec. 14, g14.35.

Sherman County--Continued

15-14-32aa. U. S. Geol. Survey. Jetted observation water-table well in sand, diam 3/4 in, depth 20 ft. Lsd, 2,041.54 ft above msl. Highest water level 5.39, Aug. 16, 1950; lowest water level 8.35, Mar. 26, 1957. Records available: 1950-51, 1953, 1957-59. Oct. 23, 7.54.

15-15-2ab. U. S. Geol. Survey. Jetted observation water-table well in sand, diam 3/4 in, depth 10 ft. Lsd, 2,078.51 ft above msl. Highest water level 1.34, Oct. 3, 1950; lowest water level 4.30, Sept. 17, 1951. Records available: 1950-51, 1959.

| Date    | Water level | Date    | Water level | Date     | Water level | Date    | Water level |
|---------|-------------|---------|-------------|----------|-------------|---------|-------------|
| May 19  | g2.60       | July 20 | g3.93       | Sept. 21 | g3.60       | Nov. 17 | g3.31       |
| June 18 | g4.00       | Aug. 19 | g3.79       | Oct. 22  | g3.24       | Dec. 14 | g2.97       |

15-15-13bb. U. S. Geol. Survey. Jetted observation water-table well in sand, diam 3/4 in, depth 10 ft. Lsd, 2,063.88 ft above msl. Highest water level 1.54, Oct. 2, 1950; lowest water level 4.99, Aug. 19, 1959. Records available: 1950-51, 1953, 1959.

| Date    | Water level | Date    | Water level | Date     | Water level | Date    | Water level |
|---------|-------------|---------|-------------|----------|-------------|---------|-------------|
| May 18  | g2.10       | July 20 | g3.74       | Sept. 21 | g4.70       | Nov. 17 | g3.81       |
| June 18 | g3.30       | Aug. 19 | g4.99       | Oct. 22  | g3.62       | Dec. 14 | g3.45       |

16-15-6da. U. S. Geol. Survey. Jetted observation water-table well in sand, diam 3/4 in, depth 21 ft. Lsd, 2,127.62 ft above msl. Highest water level 4.34, July 5, 1951; lowest water level 6.77, Dec. 14, 1959. Records available: 1950-51, 1959.

| Date    | Water level | Date    | Water level | Date     | Water level | Date    | Water level |
|---------|-------------|---------|-------------|----------|-------------|---------|-------------|
| May 19  | g6.10       | July 20 | g6.60       | Sept. 21 | g6.40       | Nov. 17 | g6.38       |
| June 18 | g6.50       | Aug. 19 | g6.41       | Oct. 22  | g6.72       | Dec. 14 | g6.77       |

16-15-8dd. U. S. Geol. Survey. Driven observation water-table well in sand, diam 3/4 in, depth 21 ft. Lsd, 2,114.81 ft above msl. Highest water level 2.60, Apr. 3, 1950; lowest water level 4.95, Aug. 4, 1953. Records available: 1949-51, 1953, 1959.

| Date    | Water level | Date    | Water level | Date     | Water level | Date    | Water level |
|---------|-------------|---------|-------------|----------|-------------|---------|-------------|
| May 19  | g2.70       | July 20 | g4.30       | Sept. 21 | g4.50       | Nov. 17 | g4.15       |
| June 18 | g3.80       | Aug. 19 | g4.60       | Oct. 22  | g4.35       | Dec. 14 | g4.02       |

16-15-16cd. U. S. Geol. Survey. Jetted observation water-table well in sand, diam 3/4 in, depth 14 ft. Lsd, 2,108.48 ft above msl. Highest water level 5.20, June 18, 1959; lowest water level 6.24, Nov. 30, 1949. Records available: 1949-51, 1953, 1959. June 18, g5.20; July 20, g5.40; Aug. 19, g5.86; Sept. 21, g5.80; Oct. 22, g5.80; Nov. 17, g5.67; Dec. 14, g5.59.

Sherman County--Continued

16-15-21aa. U. S. Geol. Survey. Jetted observation water-table well in sand, diam 3/4 in, depth 18 ft. Lsd, 2,106.60 ft above msl. Highest water level 3.68, July 5, 1951; lowest water level 5.71, Aug. 4, 1953. Records available: 1949-53, 1959.

| Date    | Water level | Date    | Water level | Date     | Water level | Date    | Water level |
|---------|-------------|---------|-------------|----------|-------------|---------|-------------|
| May 19  | g4.60       | July 20 | g5.40       | Sept. 21 | g5.20       | Nov. 17 | g4.85       |
| June 18 | g5.20       | Aug. 19 | g5.20       | Oct. 22  | g4.90       | Dec. 14 | g4.81       |

16-15-26ca. School District. Drilled observation water-table well in sand, diam 4 in. Lsd, 2,141.54 ft above msl. Highest water level 48.00, Dec. 14, 1959; lowest water level 51.35, Apr. 24, 1950. Records available: 1949-50, 1953, 1959. Dec. 14, g48.00.

16-15-27ba. U. S. Geol. Survey. Jetted observation water-table well in sand, diam 3/4 in, depth 18 ft. Lsd, 2,095.34 ft above msl. Highest water level 3.57, Sept. 18, 1951; lowest water level 5.27, Aug. 19, 1959. Records available: 1950-51, 1959.

| Date    | Water level | Date    | Water level | Date     | Water level | Date    | Water level |
|---------|-------------|---------|-------------|----------|-------------|---------|-------------|
| May 19  | g3.60       | July 20 | g5.00       | Sept. 21 | g5.20       | Nov. 17 | g4.55       |
| June 18 | g4.80       | Aug. 19 | g5.27       | Oct. 22  | g4.53       | Dec. 14 | g4.55       |

16-15-28bb. U. S. Geol. Survey. Drilled observation water-table well in sand, diam 3/4 in, depth 35 ft. Lsd, 2,126.38 ft above msl. Highest water level 18.57, July 5, 1951; lowest water level 21.52, July 13, 1953. Records available: 1949-55, 1957-59. Oct. 22, 20.96.

16-15-36cc. U. S. Geol. Survey. Jetted observation water-table well in medium to coarse sand, diam 1/2 in, depth 40 ft. Lsd, 2,119.00 ft above msl. Highest water level 8.38, Nov. 30, 1949; lowest water level 32.10, May 18, 1959. Records available: 1949-52, 1959. May 18, g32.10; July 20, g27.60; Aug. 19, g27.70; Sept. 21, g27.60; Oct. 22, g26.30; Nov. 17, g27.94; Dec. 14, g28.08.

Sioux County

24-56-15bb. Land Bank. Drilled unused water-table well in sand, diam 6 in, depth 46 ft. Highest water level 27.23, Jan. 2, 1936; lowest water level 28.7, Oct. 7, 1959. Records available: 1936, 1959. Oct. 7, 28.7.

### Stanton County

A22-2-8dd. Carroll. Drilled irrigation water-table well, diam 16 in, depth 72 ft. Highest water level 38.15, Apr. 6, 1950; lowest water level 44.33, Oct. 27, 1958. Records available: 1950, 1956-59. Sept. 24, 44.03.

A23-3-6cc. Roy Chase. Drilled irrigation water-table well in sand, diam 16 in, depth 62 ft. Highest water level 15.51, Nov. 7, 1951; lowest water level 22.35, Sept. 24, 1959. Records available: 1951-55, 1957, 1959. Sept. 24, 22.35.

A23-3-7bc. E. Spence. Drilled irrigation water-table well in sand, diam 16 in, depth 48 ft. Highest water level 9.62, Nov. 7, 1951; lowest water level 17.17, Nov. 13, 1956. Records available: 1950-59. Sept. 24, 16.16.

A23-3-11bb. U. S. Geol. Survey. Drilled observation water-table well in sand, diam 1 in, depth 13 ft. Highest water level 2.60, May 28, 1951; lowest water level 6.51, Oct. 27, 1936. Records available: 1936-40, 1942, 1946, 1948, 1950-59. Sept. 24, 5.47.

A23-3-19bc. Shultz. Drilled irrigation water-table well in sand, diam 16 in, depth 50 ft. Highest water level 25.98, May 28, 1951; lowest water level 31.02, Dec. 12, 1957. Records available: 1951-57, 1959. Sept. 24, 30.60.

A24-3-34bd. Roy Chase. Drilled irrigation water-table well in sand, diam 16 in, depth 50 ft. Highest water level 8.68, Aug. 29, 1951; lowest water level 21.16, Mar. 13, 1957. Records available: 1951-55, 1957, 1959. Sept. 24, 19.13.

### Thayer County

3-2-3lad. H. G. Eggert. Drilled unused water-table well in sand, diam 6 in, depth 107 ft. Highest water level 101.59, Dec. 14, 1953; lowest water level 105.93, Nov. 1, 1941. Records available: 1934-41, 1944, 1946, 1953, 1955-56, 1958-59. Nov. 30, 102.41.

\*4-1-9bac. U. S. Geol. Survey. Drilled observation water-table well in sand, diam 8 in, depth 95 ft. Highest water level 87.83, Sept. 28, 1953; lowest water level 90.01, June 25, 1953. Records available: 1953-59.

| Date    | Water level | Date    | Water level | Date     | Water level | Date    | Water level |
|---------|-------------|---------|-------------|----------|-------------|---------|-------------|
| Jan. 31 | 89.18       | Apr. 30 | 89.11       | July 31  | 89.18       | Oct. 31 | 89.23       |
| Feb. 28 | 89.16       | May 31  | 89.12       | Aug. 31  | 89.25       | Nov. 30 | 89.21       |
| Mar. 31 | 89.19       | June 30 | 89.08       | Sept. 30 | 89.23       | Dec. 31 | 89.16       |

### Thomas County

23-28-9da. U. S. Geol. Survey. Driven observation water-table well in fine sand and alluvium, diam  $1\frac{1}{2}$  in, depth 15 ft. Highest water level 8.93, Oct. 9, 1959; lowest water level 10.98, July 23, 1940. Records available: 1934-40, 1942, 1944-50, 1953-59. Oct. 9, 8.93.

24-30-20ab. U. S. Geol. Survey. Drilled observation water-table well in fine sand, diam 1 in, depth 13 ft. Highest water level 1.57, Sept. 4, 1951; lowest water level 3.12, Apr. 26, 1946. Records available: 1934-42, 1944-59. Oct. 9, 2.62.

### Thurston County

A25-6-26dc. S. M. French. Driven stock water-table well in sand, diam  $1\frac{1}{2}$  in, depth 23 ft. Highest water level 10.55, July 12, 1940; lowest water level 15.50, Nov. 27, 1956. Records available: 1934-36, 1940-42, 1947, 1954-59. Sept. 24, 14.64.

A26-8-13bc. D. L. Leap. Dug stock water-table well, diam 36 in, depth 15 ft. Highest water level 7.88, Nov. 3, 1958; lowest water level 13.49, Oct. 13, 1938. Records available: 1934-40, 1942, 1946-47, 1955-59. Sept. 21, 8.55.

### Valley County

17-13-5ad. U. S. Bureau of Reclamation. Drilled observation water-table well, diam  $1\frac{1}{2}$  in, depth 81 ft. Lsd, 2,012.33 ft above msl. Highest water level 16.87, June 26, 1958; lowest water level 23.09, Aug. 7, 1959. Records available: 1958-59. June 10, 17.59; July 10, 20.02; Aug. 7, 23.09; Sept. 15, 21.19; Oct. 29, 19.97; Nov. 24, 19.72; Dec. 14, 19.62.

17-13-5bb. U. S. Bureau of Reclamation. Drilled observation water-table well, diam  $1\frac{1}{2}$  in, depth 125 ft. Lsd, 2,034.40 ft above msl. Highest water level 26.30, June 24, 1958; lowest water level 30.16, Sept. 15, 1959. Records available: 1958-59. June 10, 26.43; July 10, 27.19; Aug. 7, 28.71; Sept. 15, 30.16; Oct. 29, 29.68; Nov. 24, 29.26; Dec. 14, 28.97.

17-13-8da. U. S. Bureau of Reclamation. Drilled observation water-table well, diam  $1\frac{1}{2}$  in, depth 94 ft. Lsd, 2,035.71 ft above msl. Highest water level 38.31, June 26, 1958; lowest water level 40.48, Sept. 15, 1959. Records available: 1958-59. June 10, 38.47; July 10, 38.82; Aug. 7, 39.96; Sept. 15, 40.48; Oct. 29, 40.05; Nov. 24, 39.84; Dec. 14, 39.73.

Valley County--Continued

17-16-3cc. U. S. Geol. Survey. Jetted observation water-table well in sand, diam 3/4 in, depth 37 ft. Lsd, 2,210.04 ft above msl. Highest water level 24.97, July 5, 1950; lowest water level 27.16, Nov. 17, 1959. Records available: 1950-51, 1953, 1959.

| Date    | Water level | Date     | Water level | Date    | Water level | Date    | Water level |
|---------|-------------|----------|-------------|---------|-------------|---------|-------------|
| May 19  | g26.80      | Aug. 19  | g26.92      | Oct. 22 | g27.07      | Nov. 17 | g27.16      |
| June 18 | g26.40      | Sept. 21 | g27.10      | 29      | 27.10       | Dec. 14 | g27.14      |
| July 20 | g26.60      |          |             |         |             |         |             |

17-16-7ab. Dale Coakley. Drilled irrigation water-table well in gravel, diam 18 in, depth 120 ft. Lsd, 2,221.34 ft above msl. Highest water level 29.64, Apr. 11, 1952; lowest water level 30.21, Mar. 12, 1951. Records available: 1950-53, 1959. Oct. 29, 30.18.

17-16-9bd. U. S. Geol. Survey. Driven observation water-table well in sand, diam 3/4 in, depth 14 ft. Lsd, 2,191.39 ft above msl. Highest water level 6.39, Aug. 19, 1959; lowest water level 11.89, Apr. 4, 1950. Records available: 1949-51, 1953, 1959.

| Date    | Water level | Date    | Water level | Date     | Water level | Date    | Water level |
|---------|-------------|---------|-------------|----------|-------------|---------|-------------|
| May 19  | g11.80      | July 20 | g7.10       | Sept. 21 | g6.70       | Nov. 17 | g9.54       |
| June 18 | g8.80       | Aug. 19 | g6.39       | Oct. 22  | g8.33       | Dec. 14 | g10.41      |

17-16-10dd. U. S. Geol. Survey. Jetted observation water-table well in sand, diam 3/4 in, depth 30 ft. Lsd, 2,192.31 ft above msl. Highest water level 9.98, Aug. 19, 1959; lowest water level 14.56, May 22, 1951. Records available: 1950-53, 1959.

| Date    | Water level | Date     | Water level | Date    | Water level | Date    | Water level |
|---------|-------------|----------|-------------|---------|-------------|---------|-------------|
| May 19  | g13.70      | Aug. 19  | g9.98       | Oct. 22 | g11.60      | Nov. 17 | g12.17      |
| June 18 | g11.50      | Sept. 21 | g10.00      | 29      | 11.78       | Dec. 14 | g11.80      |
| July 20 | g10.10      |          |             |         |             |         |             |

17-16-25cb. U. S. Geol. Survey. Driven observation water-table well in sand, diam 3/4 in, depth 11 ft. Lsd, 2,145.10 ft above msl. Highest water level 1.04, Mar. 3, 1950; lowest water level 3.19, Sept. 27, 1949. Records available: 1949-51, 1959.

| Date    | Water level | Date     | Water level | Date    | Water level | Date    | Water level |
|---------|-------------|----------|-------------|---------|-------------|---------|-------------|
| May 19  | g1.30       | Aug. 19  | g2.97       | Oct. 22 | g2.52       | Nov. 17 | g2.40       |
| June 18 | g2.40       | Sept. 21 | g2.95       | 29      | 2.50        | Dec. 14 | g2.17       |
| July 20 | g2.70       |          |             |         |             |         |             |

Valley County--Continued

17-16-34aa. U. S. Geol. Survey. Driven observation water-table well in sand, diam 3/4 in, depth 16 ft. Lsd, 2,169.33 ft above msl. Highest water level 7.96, July 3, 1950; lowest water level 11.93, Feb. 3, 1950. Records available: 1949-52, 1959. Oct. 29, 11.05.

18-13-2ac. Stanley Rutar. Drilled irrigation water-table well in gravel, sand, and clay, diam 18 in, depth 100 ft. Highest water level 9.60, Sept. 30, 1948; lowest water level 16.57, Aug. 21, 1956. Records available: 1948-51, 1956, 1958-59. Oct. 27, 13.17.

18-13-23dc. U. S. Bureau of Reclamation. Drilled observation water-table well, diam 1½ in, depth 55 ft. Lsd, 1,968.13 ft above msl. Highest water level 2.33, Aug. 21, 1958; lowest water level 6.91, June 10, 1959. Records available: 1958-59. June 10, 6.91; July 10, 4.49; Aug. 7, 2.98; Sept. 15, 4.31; Oct. 27, 5.09; Nov. 23, 5.42; Dec. 14, 5.80.

18-13-23dd. W. T. Hutchins. Drilled irrigation water-table well in sand and gravel, diam 24 in, depth 83 ft. Highest water level 8.70, Aug. 3, 1949; lowest water level 23.37, Oct. 12, 1937. Records available: 1934-42, 1948-52, 1954-59. Oct. 27, 9.97.

18-13-33bc. W. W. Vogeler. Drilled irrigation water-table well, diam 18 in, depth 224 ft. Highest water level 36.17, Sept. 19, 1951; lowest water level 41.22, Oct. 29, 1959. Records available: 1950-51, 1957, 1959. Oct. 29, 41.22.

18-13-33cc. U. S. Bureau of Reclamation. Drilled observation water-table well in silt, diam 1 in, depth 22 ft. Lsd, 2,008 ft above msl. Highest water level 12.30, May 7, 1958; lowest water level 16.30, Oct. 29, 1959. Records available: 1955-59. June 10, 13.89; Oct. 29, 16.30.

18-13-33da. U. S. Bureau of Reclamation. Drilled observation water-table well, diam 1½ in, depth 81 ft. Lsd, 2,002.35 ft above msl. Highest water level 24.85, June 26, 1958; lowest water level 27.02, Sept. 15, Oct. 29, 1959. Records available: 1958-59. June 10, 25.42; July 10, 25.72; Aug. 7, 26.30; Sept. 15, 27.02; Oct. 29, 27.02; Nov. 24, 26.90; Dec. 14, 26.82.

18-14-6ca. Eldon Lange. Drilled irrigation water-table well, diam 18 in, depth 297 ft. Highest water level 68.36, June 6, 1957; lowest water level 70.61, Oct. 28, 1959. Records available: 1957-59. Oct. 28, 70.61.

18-14-16dc. U. S. Bureau of Reclamation. Drilled observation water-table well, diam 1½ in, depth 81 ft. Lsd, 2,092.85 ft above msl. Highest water level 28.33, Oct. 17, 1958; lowest water level 29.12, Dec. 14, 1959. Records available: 1958-59. June 10, 28.38; July 10, 28.41; Aug. 7, 28.49; Sept. 15, 28.61; Oct. 29, 28.96; Nov. 23, 29.04; Dec. 14, 29.12.

Valley County--Continued

18-14-18bc. U. S. Bureau of Reclamation. Drilled observation water-table well, diam  $1\frac{1}{2}$  in, depth 131 ft. Lsd, 2,145.84 ft above msl. Highest water level 45.72, June 24, 1958; lowest water level 50.47, Sept. 15, 1959. Records available: 1958-59. June 10, 46.57; July 10, 48.05; Aug. 7, 49.11; Sept. 15, 50.47; Oct. 29, 49.61; Nov. 23, 49.30; Dec. 14, 49.11.

18-14-20da. U. S. Bureau of Reclamation. Drilled observation water-table well, diam  $1\frac{1}{2}$  in. Lsd, 2,082.18 ft above msl. Highest water level 9.82, June 24, 1958; lowest water level 14.21, Sept. 15, 1959. Records available: 1958-59. June 10, 10.16; July 10, 10.40; Aug. 7, 12.68; Sept. 15, 14.21; Oct. 29, 14.08; Nov. 23, 13.70; Dec. 14, 13.42.

18-14-22ab. U. S. Bureau of Reclamation. Drilled observation water-table well, diam  $1\frac{1}{2}$  in, depth 99 ft. Lsd, 2,073.93 ft above msl. Highest water level 21.84, June 24, 1958; lowest water level 26.39, Sept. 15, 1959. Records available: 1958-59. June 10, 22.03; July 10, 22.76; Aug. 7, 24.66; Sept. 15, 26.39; Oct. 29, 26.00; Nov. 23, 25.60; Dec. 14, 25.35.

18-14-22cc. U. S. Bureau of Reclamation. Drilled observation water-table well, diam  $1\frac{1}{2}$  in, depth 71 ft. Lsd, 2,081.97 ft above msl. Highest water level 22.36, June 24, 1958; lowest water level 27.25, Sept. 15, 1959. Records available: 1958-59. June 10, 22.54; July 10, 23.76; Aug. 7, 25.52; Sept. 15, 27.25; Oct. 29, 26.92; Nov. 23, 26.46; Dec. 14, 26.22.

18-14-24ca. U. S. Bureau of Reclamation. Drilled observation water-table well, diam  $1\frac{1}{2}$  in, depth 71 ft. Lsd, 2,045.29 ft above msl. Highest water level 18.76, Aug. 21, 1958; lowest water level 21.49, Sept. 15, 1959. Records available: 1958-59. June 10, 18.88; July 10, 19.66; Aug. 7, 20.56; Sept. 15, 21.49; Oct. 29, 21.04; Nov. 23, 20.76; Dec. 14, 20.71.

18-14-26bb. U. S. Bureau of Reclamation. Drilled observation water-table well, diam  $1\frac{1}{2}$  in, depth 90 ft. Lsd, 2,054.33 ft above msl. Highest water level 6.38, June 24, 1958; lowest water level 12.57, Sept. 15, 1959. Records available: 1958-59. June 10, 7.70; July 10, 8.87; Aug. 7, 11.37; Sept. 15, 12.57; Oct. 29, 11.92; Nov. 23, 11.55; Dec. 14, 11.64.

18-14-27aa. U. S. Bureau of Reclamation. Drilled observation water-table well, diam 1 in, depth 17 ft. Lsd, 2,053 ft above msl. Highest water level 3.01, May 7, 1958; lowest water level 11.20, June 14, 1956. Records available: 1955-59. June 10, 6.37; Oct. 29, 9.87.

18-14-34aa. U. S. Bureau of Reclamation. Drilled observation water-table well, diam  $1\frac{1}{2}$  in, depth 81 ft. Lsd, 2,086.42 ft above msl. Highest water level 31.90, June 24, 1958; lowest water level 38.32, Sept. 15, 1959. Records available: 1958-59. June 10, 33.45; July 10, 33.72; Aug. 7, 36.53; Sept. 15, 38.32; Oct. 29, 37.75; Nov. 24, 37.26; Dec. 14, 36.82.



Valley County--Continued

18-14-35cc. William Koelling. Drilled irrigation water-table well, diam 22 in, depth 390 ft. Highest water level 58.30, June 17, 1958; lowest water level 61.99, Oct. 29, 1959. Records available: 1957-59. Oct. 29, 61.99.

18-15-8ba. U. S. Bureau of Reclamation. Drilled observation water-table well, diam 1½ in, depth 111 ft. Lsd, 2,228.41 ft above msl. Highest water level 65.86, June 24, 1958; lowest water level 66.75, Sept. 15, 1959. Records available: 1958-59. June 10, 65.97; July 10, 66.03; Aug. 7, 66.32; Sept. 15, 66.75; Oct. 28, 66.73; Nov. 23, 66.56; Dec. 14, 66.68.

18-15-10ad. Joe Bonne. Drilled irrigation water-table well, diam 18 in, depth 200 ft. Highest water level 40.71, Feb. 25, 1958; lowest water level 44.94, Oct. 16, 1958. Records available: 1957-59. Oct. 28, 43.94.

18-15-10cd. U. S. Bureau of Reclamation. Drilled observation water-table well, diam 1½ in, depth 99 ft. Lsd, 2,203.17 ft above msl. Highest water level 50.66, June 24, 1958; lowest water level 56.25, Dec. 14, 1959. Records available: 1958-59. June 10, 54.61; July 10, 54.83; Aug. 7, 54.98; Sept. 15, 55.62; Oct. 28, 56.01; Nov. 23, 56.17; Dec. 14, 56.25.

18-15-11bb. U. S. Bureau of Reclamation. Drilled observation water-table well, diam 1½ in, depth 111 ft. Lsd, 2,150.06 ft above msl. Highest water level 27.88, June 24, 1958; lowest water level 31.92, Sept. 15, 1959. Records available: 1958-59. June 10, 29.19; July 10, 29.62; Aug. 7, 30.57; Sept. 15, 31.92; Oct. 28, 31.85; Nov. 23, 31.72; Dec. 14, 31.69.

18-15-12aa. U. S. Bureau of Reclamation. Drilled observation water-table well, diam 1½ in, depth 131 ft. Lsd, 2,121.59 ft above msl. Highest water level 25.55, June 24, 1958; lowest water level 33.17, Sept. 15, 1959. Records available: 1958-59. June 10, 27.15; July 10, 29.08; Aug. 7, 31.72; Sept. 15, 33.17; Oct. 28, 31.59; Nov. 23, 30.91; Dec. 14, 30.68.

18-15-12bb. Emil Kokes. Drilled irrigation water-table well in sand, diam 18 in, depth 121 ft. Highest water level 28.26, Apr. 29, 1949; lowest water level 36.35, Oct. 28, 1959. Records available: 1948-51, 1956-59. Oct. 28, 36.35.

18-15-14da. Chester F. Travis. Drilled irrigation water-table well, diam 18 in, depth 300 ft. Highest water level 45.23, May 24, 1957; lowest water level 47.33, Oct. 17, 1958. Records available: 1957-59. Oct. 29, 46.16.

18-16-30cc. U. S. Geol. Survey. Drilled observation water-table well in sand, diam ¾ in, depth 14 ft. Lsd, 2,217.61 ft above msl. Highest water level 3.50, June 18, 1959; lowest water level 5.64, June 20, 1956. Records available: 1949-56, 1958-59.

Valley County--Continued

18-16-30cc--Continued.

| Date    | Water level | Date     | Water level | Date    | Water level | Date    | Water level |
|---------|-------------|----------|-------------|---------|-------------|---------|-------------|
| May 19  | g4.00       | Aug. 19  | g3.57       | Oct. 22 | g4.25       | Nov. 17 | g4.34       |
| June 18 | g3.50       | Sept. 21 | g3.70       | 29      | 4.29        | Dec. 14 | g4.62       |
| July 20 | g3.70       |          |             |         |             |         |             |

19-13-26cd. Neola Shoemaker. Drilled irrigation water-table well in sand, diam 18 in, depth 55 ft. Highest water level 8.96, Sept. 18, 1951; lowest water level 11.81, Sept. 4, 1957. Records available: 1951, 1956-59. Oct. 27, 11.20.

19-13-28bb. William Peterson. Drilled irrigation water-table well in sand, diam 18 in, depth 98 ft. Highest water level 11.96, May 7, 1958; lowest water level 14.79, Aug. 13, 1954. Records available: 1948-59. Oct. 27, 13.12.

19-13-31db. Owner unknown. Jetted observation water-table well in sand, diam 3 in, depth 123 ft. Highest water level 54.46, Sept. 19, 1951; lowest water level 55.26, Aug. 17, 1956. Records available: 1950-51, 1956-59. Oct. 27, 55.20.

19-13-35cc. U. S. Bureau of Reclamation. Drilled observation water-table well, diam 1½ in, depth 81 ft. Lsd, 1,986.74 ft above msl. Highest water level 8.86, Aug. 21, 1958; lowest water level 11.92, June 10, 1959. Records available: 1958-59. June 10, 11.92; July 10, 11.77; Aug. 6, 9.66; Sept. 15, 9.85; Oct. 27, 10.73; Nov. 23, 11.04; Dec. 14, 11.27.

19-13-35dd. U. S. Bureau of Reclamation. Drilled observation water-table well, diam 1½ in, depth 281 ft. Lsd, 1,979.92 ft above msl. Highest water level 11.40, Oct. 20, 1958; lowest water level 14.04, July 10, 1959. Records available: 1958-59. June 10, 13.68; July 10, 14.04; Aug. 6, 12.87; Sept. 15, 11.64; Oct. 27, 12.37; Nov. 23, 12.68; Dec. 14, 12.93.

19-14-5cc. Ed Zikmund. Drilled unused water-table well in gravel, diam 24 in. Highest water level 20.16, Oct. 16, 1958; lowest water level 23.07, Apr. 9, 1957. Records available: 1950-51, 1956-59. Oct. 28, 20.46.

19-14-6dc. Chas. Verzal. Drilled irrigation water-table well in sand and gravel, diam 24 in, depth 97 ft. Lsd, 2,085.4 ft above msl. Highest water level 27.21, Sept. 20, 1949; lowest water level 37.90, Aug. 10, 1934. Records available: 1934-42, 1948-51, 1954-59. Oct. 28, 27.23.

19-14-11bd. E. S. Murray. Drilled irrigation water-table well, diam 24 in. Highest water level 32.56, Sept. 28, 1950; lowest water level 35.74, Sept. 4, 1957. Records available: 1950, 1957-59. Oct. 27, 34.88.

Valley County--Continued

19-14-13da. William Sack. Drilled irrigation water-table well in sand, diam 18 in, depth 134 ft. Highest water level 18.41, Sept. 4, 1957; lowest water level 23.93, Apr. 26, 1951. Records available: 1948-53, 1956-59. Oct. 27, 20.82.

19-14-15da. Victor Kerchal. Drilled irrigation water-table well in sand, diam 18 in, depth 96 ft. Highest water level 4.43, June 30, 1948; lowest water level 6.73, Aug. 16, 1956. Records available: 1948-51, 1956-59. Oct. 27, 6.61.

19-14-31dd. H. H. Koll. Drilled irrigation water-table well, diam 18 in, depth 298 ft. Highest water level 49.03, Feb. 25, 1958; lowest water level 60.43, Aug. 20, 1958. Records available: 1956, 1958-59. Oct. 28, 54.77.

19-14-36bb. Edward Penas. Drilled irrigation water-table well in sand, gravel, and clay, diam 18 in, depth 155 ft. Highest water level 28.51, June 30, 1949; lowest water level 34.22, Aug. 21, 1956. Records available: 1948-51, 1956, 1958-59. Oct. 27, 30.39.

19-15-16ad. Ray Grabowski. Drilled irrigation water-table well, diam 18 in, depth 316 ft. Highest water level 76.20, June 17, 1958; lowest water level 77.21, May 23, 1957. Records available: 1957-59. Oct. 29, 77.11.

19-15-18dc. U. S. Bureau of Reclamation. Drilled observation water-table well, diam 1½ in, depth 120 ft. Lsd, 2,207.58 ft above msl. Highest water level 50.49, June 24, 1958; lowest water level 52.20, Sept. 15, 1959. Records available: 1958-59. June 10, 51.18; July 10, 51.54; Aug. 7, 51.89; Sept. 15, 52.20; Oct. 29, 52.10; Nov. 23, 52.01; Dec. 14, 52.02.

19-15-21bb. U. S. Bureau of Reclamation. Drilled observation water-table well, diam 1½ in, depth 121 ft. Lsd, 2,177.29 ft above msl. Highest water level 41.00, June 24, 1958; lowest water level 43.78, Aug. 7, 1959. Records available: 1958-59. June 10, 41.52; July 10, 42.78; Aug. 7, 43.78; Sept. 15, 43.53; Oct. 28, 42.93; Nov. 23, 42.72; Dec. 14, 42.62.

19-15-21bd. Rudolph Kokes. Drilled irrigation water-table well, diam 18 in, depth 330 ft. Highest water level 52.10, Oct. 16, 1958; lowest water level 53.17, Apr. 16, 1957. Records available: 1957-59. Oct. 28, 52.84.

19-15-25dd. U. S. Bureau of Reclamation. Drilled observation water-table well, diam 1 in, depth 22 ft. Lsd, 2,100 ft above msl. Highest water level 14.74, May 7, 1958; lowest water level 19.37, Oct. 28, 1959. Records available: 1955-59. Oct. 28, 19.37.

19-15-29ad. E. D. Zabloudil. Drilled irrigation water-table well, diam 18 in, depth 180 ft. Lsd, 2,183 ft above msl. Highest water level 41.29, June 17, 1958; lowest water level 43.70, Oct. 29, 1959. Records available: 1957-59. Oct. 29, 43.70.

Valley County--Continued

19-15-29dd. U. S. Bureau of Reclamation. Drilled observation water-table well, diam 1½ in, depth 135 ft. Lsd, 2,210.41 ft above msl. Highest water level 62.97, June 24, 1958; lowest water level 65.65, Aug. 7, 1959. Records available: 1958-59. June 10, 63.43; July 10, 64.23; Aug. 7, 65.65; Sept. 15, 65.61; Oct. 29, 64.96; Nov. 23, 64.60; Dec. 14, 64.56.

19-16-22aa. Fjl Benda. Drilled irrigation water-table well, diam 18 in, depth 270 ft. Highest water level 93.76, Feb. 25, 1958; lowest water level 94.77, Aug. 11, 1956. Records available: 1956-59. Oct. 29, 94.68.

19-16-24ad. U. S. Bureau of Reclamation. Drilled observation water-table well, diam 1½ in, depth 101 ft. Lsd, 2,213.01 ft above msl. Highest water level 44.05, June 24, 1958; lowest water level 47.11, Aug. 7, 1959. Records available: 1958-59. June 10, 45.29; July 10, 46.06; Aug. 7, 47.11; Sept. 15, 47.00; Oct. 29, 46.36; Nov. 23, 46.34; Dec. 14, 46.33.

19-16-24bb. U. S. Bureau of Reclamation. Drilled observation water-table well, diam 1½ in, depth 121 ft. Lsd, 2,225.08 ft above msl. Highest water level 41.91, June 24, 1958; lowest water level 45.38, Dec. 14, 1959. Records available: 1958-59. June 10, 44.18; July 10, 44.39; Aug. 7, 44.81; Sept. 15, 45.00; Oct. 29, 45.21; Nov. 23, 45.26; Dec. 14, 45.38.

19-16-35ac. Rudolph Krahulik. Drilled irrigation water-table well, diam 18 in, depth 405 ft. Highest water level 87.77, May 7, June 17, 1958; lowest water level 93.83, Aug. 11, 1956. Records available: 1956-59. Oct. 29, 88.83.

20-15-29aa. Louie Greenwoldt. Drilled irrigation water-table well in sand, diam 24 in, depth 130 ft. Highest water level 65.93, Apr. 17, 1952; lowest water level 68.93, Aug. 18, 1956. Records available: 1950-52, 1956-59. Oct. 28, 66.87.

20-15-34aa. Joe Michalski. Drilled irrigation water-table well in sand, diam 18 in, depth 122 ft. Highest water level 55.15, Jan. 4, 1950; lowest water level 61.13, Aug. 10, 1956. Records available: 1948-51, 1956-59. Oct. 28, 57.13.

20-15-34bb. Joe Rutar. Drilled irrigation water-table well in gravel, diam 18 in. Highest water level 40.73, Sept. 29, 1950; lowest water level 42.56, Sept. 4, 1957. Records available: 1950-51, 1957-59. Oct. 28, 41.53.

20-15-35aa. Stanley Golka Estate. Drilled irrigation water-table well in gravel, diam 18 in, depth 134 ft. Highest water level 56.94, Sept. 28, 1950; lowest water level 63.30, Aug. 9, 1956. Records available: 1950-53, 1956-59. Oct. 28, 61.31.

### Valley County--Continued

20-15-35ba Stanley Golka Estate. Drilled irrigation water-table well in gravel, diam 18 in, depth 134 ft. Highest water level 57.26, June 17, 1958; lowest water level 58.90, Sept. 4, 1957. Records available: 1950, 1957-59. Oct 28, 57 68.

### Washington County

A17-11-5da August Matzen. Dug stock water-table well in sand and clay, diam 40 in, depth 14 ft. Highest water level 3.00, Sept. 21, 1959; lowest water level 10.52, Dec 18, 1935. Records available: 1934-42, 1944, 1946, 1955-59. Sept 21, 3.00

A18-11-3aa Ed A. Jensen. Dug water-table well in alluvium, diam 40 in, depth 36 ft. Highest water level 14.33, Sept. 21, 1959; lowest water level 30.91, Oct. 18, 1940. Records available: 1934-42, 1944, 1946-47, 1955-59. Sept 21, 14.33.

### Wayne County

A27-1-36dd. E. D. Jenkins. Driven stock water-table well in alluvium, diam 26 in, depth 30 ft. Highest water level 7.25, May 16, 1952; lowest water level 14.90, Nov. 14, 1956. Records available: 1950-59. Sept. 24, 13.53.

### Webster County

1-9-9cc. U. S. Geol. Survey. Drilled observation water-table well in sand, diam 1½ in, depth 13 ft. Highest water level 3.17, June 20, 1949; lowest water level 9.22, Mar. 14, 1957. Records available: 1947-59. May 11, g6.93; June 23, g6.07; Aug 24, g7.04; Oct. 15, 7.39; Oct. 26, g7.46.

\*1-11-11ab U. S. Geol. Survey. Drilled observation water-table well in silt and fine sand, diam 8 in, depth 17 ft. Lsd, 1,684.9 ft above msl. Highest water level 1.34, July 11-12, 1951; lowest water level 10.56, Apr. 5, 1957. Records available: 1946-59.

\*Recording gage.

Webster County--Continued

\*1-11-11ab--Continued.

| Date        | Water level | Date        | Water level | Date    | Water level | Date     | Water level |
|-------------|-------------|-------------|-------------|---------|-------------|----------|-------------|
| <u>1958</u> |             | Sept. 30    | 5.66        | Feb. 24 | h7.73       | Sept. 30 | 8.19        |
| Jan. 31     | 8.25        | Oct. 31     | 6.64        | May 25  | h5.82       | Oct. 31  | 8.25        |
| Feb. 28     | 8.35        | Nov. 30     | 7.15        | June 10 | h6.64       | Nov. 30  | 8.40        |
| Mar. 31     | 5.97        | Dec. 31     | 7.35        | July 31 | 7.70        | Dec. 31  | 8.54        |
| Apr. 30     | 6.34        | <u>1959</u> |             | Aug. 31 | 7.45        |          |             |
| May 31      | 6.87        | Jan. 7      | h7.50       |         |             |          |             |

1-12-2bb. U. S. Geol. Survey. Drilled observation water-table well in soil, diam 1½ in, depth 12 ft. Lsd, 1,723.57 ft above msl. Highest water level 0.94, June 21, 1949; lowest water level 8.45, Dec. 14, 1956. Records available: 1946-56, 1959. Sept. 29, g4.15; Oct. 15, 3.57; Nov. 20, g3.20.

2-10-36db. Henry J. Somerhalder. Dug irrigation water-table well in sand and gravel, diam 40 in, depth 35 ft. Highest water level 25.65, June 22, 1935; lowest water level 28.08, Oct. 3, 1956. Records available: 1934-40, 1942, 1946-59. Apr. 7, g27.00; May 12, g26.80; Oct. 15, 27.69; Nov. 20, g26.00.

Wheeler County

21-12-22ad. U. S. Geol. Survey. Driven observation water-table well in sand and gravel, diam 1 in, depth 17 ft. Highest water level 3.73, Mar. 24, 1936 and Oct. 22, 1958; lowest water level 5.93, July 17, 1940. Records available: 1935-41, 1958-59. Sept. 24, 3.97.

23-11-12bb. U. S. Geol. Survey. Drilled observation water-table well in sand, diam 1 in, depth 16 ft. Highest water level 0.91, June 4, 1954; lowest water level 5.90, Oct. 29, 1956. Records available: 1935-42, 1954-59. Sept. 24, 4.88.

York County

9-1-8cb. Elmer Kruse. Drilled irrigation water-table well in sand and gravel, diam 18 in, depth 92 ft. Highest water level 21.36, June 10, 1959; lowest water level 24.39, Aug. 17, 1959. Records available: 1959. May 4, 22.10; June 10, 21.36; July 22, 22.12; Aug. 17, 24.39; Sept. 18, 23.57; Nov. 19, 23.12.

\*Recording gage.

York County--Continued

\*9-4-6dd. Gustav Thieszen. Recording gage installed Aug. 6, 1959. Drilled observation water-table well in sand and gravel, diam 18 in, depth 171 ft. Highest water level 79.44, June 20, 1959; lowest water level 81.60, Sept. 9, 1959. Records available: 1959. May 22, h79.73; June 24, h79.44; July 22, h79.83; Aug. 31, 81.35; Sept. 30, 81.14; Oct. 31, 80.92; Nov. 25, 80.85.

11-1-35bb. Wilbur Schlechte. Drilled irrigation water-table well in sand, diam 18 in, depth 283 ft. Highest water level 102.51, Sept. 15, 1958; lowest water level 105.68, Nov. 19, 1959. Records available: 1948-59. July 2, 105.31; Nov. 19, 105.68.

\*11-2-31ba1. U. S. Geol. Survey. Drilled observation water-table well in sand and gravel, diam 8 in, depth 102 ft. Highest water level 84.22, May 25, 1958; lowest water level 86.70, Sept. 2-5, 1959. Records available: 1957-59.

| Date    | Water level | Date    | Water level | Date     | Water level | Date    | Water level |
|---------|-------------|---------|-------------|----------|-------------|---------|-------------|
| Jan. 31 | 84.70       | Apr. 30 | 84.39       | July 31  | 85.57       | Oct. 31 | 85.70       |
| Feb. 28 | 84.58       | May 31  | 84.32       | Aug. 31  | 86.63       | Nov. 30 | 85.44       |
| Mar. 31 | 84.47       | June 30 | 84.34       | Sept. 30 | 86.13       | Dec. 31 | 85.29       |

11-2-31ba2. U. S. Geol. Survey. Drilled observation water-table well in sand and gravel, diam 3/4 in, depth 206 ft. Highest water level 82.84, June 16, 1958; lowest water level 89.98, July 22, 1959. Records available: 1958-59.

| Date    | Water level | Date    | Water level | Date     | Water level | Date    | Water level |
|---------|-------------|---------|-------------|----------|-------------|---------|-------------|
| Jan. 6  | 83.32       | Apr. 14 | 83.00       | Sept. 17 | 86.46       | Nov. 17 | 84.26       |
| Feb. 12 | 83.17       | June 8  | 82.86       | Oct. 19  | 84.70       | Dec. 15 | 83.98       |
| Mar. 12 | 83.10       | July 22 | 89.98       |          |             |         |             |

11-3-32dd. Wesley C. Moore. Drilled irrigation water-table well in sand and gravel, diam 18 in, depth 113 ft. Highest water level 61.70, Feb. 23, 1955; lowest water level 66.34, Dec. 20, 1957. Records available: 1953-59. Nov. 19, 65.78.

11-3-36ab. Mother Jewels Home. Drilled irrigation water-table well in sand, diam 12 in, depth 175 ft. Highest water level 65.82, Sept. 11, 1952; lowest water level 70.23, Nov. 19, 1959. Records available: 1948-59. Nov. 19, 70.23.

11-4-25bc. Bryce Tracy. Drilled irrigation water-table well in sand, diam 18 in, depth 114 ft. Lsd, 1,709.05 ft above msl. Highest water level 63.08, Dec. 28, 1951; lowest water level 72.65, Oct. 25, 1956. Records available: 1948-59. Nov. 19, 71.78.

\*Recording gage.

York County--Continued

11-4-31ba. Herman Fenster. Drilled irrigation water-table well in sand, diam 22 in, depth 140 ft. Lsd, 1,740.05 ft above msl. Highest water level 70.85, Apr. 23, 1952; lowest water level 80.79, Aug. 17, 1959. Records available: 1948-59. Aug. 17, 80.79; Nov. 19, 79.27.

11-4-33bb. Dale Leuthje. Drilled irrigation water-table well in sand and gravel, diam 18 in, depth 139 ft. Lsd, 1,730.06 ft above msl. Highest water level 68.02, Mar. 15, 1950; lowest water level 76.27, Aug. 17, 1959. Records available: 1948-50, 1953-59. Aug. 17, 76.27; Nov. 19, 75.80.

12-1-32ab. Don Gruber. Drilled irrigation water-table well, diam 18 in, depth 250 ft. Highest water level 87.70, June 10, 1959; lowest water level 91.36, Aug. 17, 1959. Records available: 1959. June 10, 87.70; Aug. 17, 91.36; Nov. 19, 88.99.

12-4-10cb. Fred Bedient. Drilled irrigation water-table well in sand and gravel, diam 18 in, depth 206 ft. Highest water level 73.16, May 13, 1953; lowest water level 82.54, Aug. 17, 1959. Records available: 1953, 1959. June 10, 80.43; July 22, 80.59; Aug. 17, 82.54; Sept. 10, 82.18; Sept. 18, 81.96; Nov. 19, 81.40.